**ILIPOV MARLEN MAUKENOVICH**

**ABOUT YOURSELF:**

* Date of birth: 06/15/1979.
* Address of residence: Nur-Sultan, st. Kumisbekova 3a.
* Nation: Kazakh.
* Contact mobile phone.: **87789810898**
* e-mail: **Marlen.ilipov@mail.ru**

**EDUCATION:**

* Higher.1996-2000 (**bachelor**). Almaty State University named after Abai. Faculty: Physics and Mathematics. Specialty: **Physicist-Ecologist.**
* 2000-2002 (**master's degree**). Almaty State University named after Abai. Faculty: Physics and Mathematics Specialty: **Physics and computer technologies.**
* **2005-2007 (postgraduate).** Kazakh National University named after Al-Farabi. Faculty: Mechanics and Mathematics. Specialty: Automation of control systems.
* 2011-2014 (**PHD doctoral studies**). LN Gumilyova Faculty: Faculty of Information Technologies. **Specialty: Computer engineering and software.**
* 06/25/2020 Certificate No. 46 On the certification of a teacher for the assignment / confirmation of **the highest level of qualification** **of** the Department of Education of the city of Almaty.

**WORK EXPERIENCE:**

* Eurasian Technological University/Eurasian Technological College: Head of the Computer Engineering and Management Department, Deputy Director for IT and Senior Lecturer of Special Disciplines, teaching in three languages: Russian, English and Kazakh.
* Almaty Technological University, lecturer of the Information Technology Department, teaching in three languages: Russian, English and Kazakh.
* Kainar Academy: Senior Lecturer of the Information Systems Department, teaching in three languages: Russian, English and Kazakh.
* Kazakh National Medical University. S.D. Asfendiyarova: Senior Lecturer in the Department of Informatics with a course in Biophysics, teaching in three languages: Russian, English and Kazakh.
* Eurasian Technological University named after LN Gumilyov: Senior Lecturer, Department of Computer Science.
* Kazakh University of Economics, Finance and International Trade: Head of Department and Senior Lecturer of disciplines: Physics, Informatics, Robotics and special subjects.
* Joint-Stock Company "Center for International Programs" Counselor, Head of the Information and Analytical Sector of the Informatization Department.
* State School No. 71: Deputy Director for educational work and teacher: Physics and Informatics.
* Institute of Physics and Technology: Software Engineer and Research Fellow for projects: “The influence of helio-geophysical factors on the dynamics of eye injuries”, “Development of a student nano satellite with control based on artificial intelligence”, etc.

**KNOWLEDGE OF LANGUAGES:**

* Kazakh – native, Russian-fluent, English-spoken.
* **Publication of articles in international journals and conferences:**

More than 72 publications published.

1) "Improvement of the automated information system of road transport" Proceedings of the international practical conference, magazine of the Kainar Academy 2019;

2) "Application of new information technologies in organizations of the Republic of Kazakhstan" Proceedings of the international practical conference, magazine of the Kainar Academy;

3) "Development of effective security algorithms for microprocessor cards on the Arduino platform" International scientific and practical conference dedicated to the 30th anniversary of the Independence of the Republic of Kazakhstan "Modern Kazakhstan: Education and Science Reforms"

* **2019 - Acts of implementation of scientific results:**

1) Act on the use and implementation of scientific results of dissertation work in the Almaty College of Economics;

2) Act on the use and implementation of the scientific results of the dissertation work at the department "Organization of transportation and information technology", Kainar Academy;

3) Act on the use and implementation of the scientific results of the dissertation work at the “Finance and Engineering Faculty”, Kainar Academy;

4) Act on the use and implementation of the scientific results of the dissertation work in the "Almaty Multidisciplinary College".

* **Release of the Monograph** "DEVELOPMENT OF EFFECTIVE ALGORITHMS FOR PROTECTION OF SOFTWARE OF MICROPROCESSOR CARDS", 10.11.2020**;**
* **Development and publication of textbooks and teaching aids:**

1) «Information and Communication Technologies» - Training manual in English language – 2019- (144 p.);

2) «Information and Communication Technologies» - Training manual Practical in English language language – (44 p.);

3) "Zholkozgalysyerezhelerininteoriyalyknegizder", 106 p.

**CERTIFICATES:**

* 01/05/2023 - 01/19/2023 - **Certificate** at the National Open University "INTUIT" on the course "**Effective work of the teacher**"
* 01/05/2023 - 01/19/2023 - **Certificate** at the National Open University "INTUIT" on the course "**Introduction to Python programming**"
* 01/05/2023 - 01/19/2023 - **Certificate** at the National Open University "INTUIT" on the course "**Programming in Java**"
* 01/05/2023 - 01/19/2023 - **Certificate** at the National Open University "INTUIT" on the course "**Introduction to JavaScript and CGI**"
* 01/05/2023 - 01/19/2023 - **Certificate** at the National Open University "INTUIT" on the course "**Introduction to programming in C # 2.0**"
* 01/05/2023 - 01/19/2023 - **Certificate** at the National Open University "INTUIT" on the course "**Hardware and software solutions for wireless sensor networks**"
* 01/05/2023 - 01/19/2023 - **Certificate** at the National Open University "INTUIT" on the course "**Introduction to software systems and their development**"
* 01/05/2023 - 01/19/2023 - **Certificate** at the National Open University "INTUIT" on the course "**Intelligent robotic systems**"
* 01/05/2023 - 01/19/2023 - **Certificate** at the National Open University "INTUIT" on the course "**Fundamentals of building interconnected networks using CISCO technologies**"
* 01/05/2023 - 01/19/2023 - **Certificate** at the National Open University "INTUIT" on the course "**Working in the Cisco Packet Tracer program**"
* 01/05/2023 - 01/19/2023 - **Certificate** at the National Open University "INTUIT" on the course "**Project Management using Microsoft Project**"
* 01/05/2023 - 01/19/2023 - **Certificate** at the National Open University "INTUIT" on the course "**Design in AutoCAD**"
* 01/05/2023 - 01/19/2023 - **Certificate** at the National Open University "INTUIT" on the course "**Web technologies**"
* 01/05/2023 - 01/19/2023 - **Certificate** at the National Open University "INTUIT" on the course "**Computer video editing and animation**"
* 11/26/2021 "**Introduction to configuration in the 1C: Enterprise 8.3 system**". Main objects» In the amount of 24 academic hours. Certificate No. 2110068741994 upgraded his qualifications Slava KVC
* 11/19/2021 **Programming basics in the** "**1C: Enterprise 8.3**" system in the amount of 24 academic hours. Certificate No. 2110073497138 improved qualification Slava KVC
* 25.10.2021 Eurasian Technological University student under my scientific supervision participated and received a "**Diploma for 1st place**" in the International Scientific and Practical Conference dedicated to the 30th anniversary of the independence of the Republic of Kazakhstan: "Modern Kazakhstan: Education and Science Reforms" in the section "technology in production and business »
* 25.10.2021 Eurasian Technological University student under my scientific supervision participated and received a "**Diploma for Public Speaking**" in the International Scientific and Practical Conference dedicated to the 30th anniversary of the independence of the Republic of Kazakhstan: "Modern Kazakhstan: Education and Science Reforms" in the section "technology in production and business »
* 25.10.2021 Eurasian Technological College 10 students each separately under my scientific supervision participated **in All-Russian conferences** with obtaining certificates in Moscow and Novosibirsk - December 2021
* 28.10.2021 JSC "NTsPK" "ORLEU" Advanced training courses "**Development of digital competencies of teachers**".
* Eurasian Technological College 09/27/2021 - 10/01/2021 Improved qualifications in the competence of "Electronics" Certificate "**Design and development of hardware and software for electronic devices**" in the amount of 30 academic hours.
* 09/22/2021-09/25/2021 Participated in **the World Skills Almaty** 2021 Regional Championship of Professional Excellence as an expert in the "**Web Technologies"** competency.
* 09/22/2021-09/25/2021 Certificate **WORLDSKILL SKAZAKHSTAN** Participated in the training program for experts on the rules of the WORLDSKILLSKAZAKHSTAN championships as part of the Regional Championship.
* 11/12/2020 - **Certificate\_Michigan\_EDX \_py4e101x\_ Programming for Everybody (Getting Started with Python)** The course is based on the platform of massive open online courses in a foreign language on professional activities.
* 01.03.2019 - 14.01.2019 - «**Мәліметтер қоры мен ақпараттық жүйелерді оқытудың өзекті мәселелері мен әдістері**» біліктілігін арттыру курсының **сертификаты**.
* 7.10.2019 - 25.10.2019 - **Certificate** of professional development under the program "**Modern interactive teaching methods in higher education**"
* **2019 - Certificate Course in the disciplines:** "Information and communication technologies" IT infrastructure, Architecture and programming in Assembler, Databases in IS, Information and communication technologies **(in English),** Computer networks, Object-oriented programming, Applied information theory , Programming in high-level languages, Programming in C ++, Software, Web application development, Development and support of computer networks, Network operating systems. Almaty, **Certificate No. 0746.**С 10.09-10.10.2019 Volume 108 hours.
* 2019 - Certificate international Workshop **«Net – programming and computer graphics»** at Kazakh National Agrarian University, Almaty March 15, 2019
* 2019- JSC "National Medical University" **Certificate No. 425 on completion of the training and retraining course for senior staff and specialists in the field of Civil Protection** at the Ministry of Internal Affairs of the Republic of Kazakhstan in the Committee for Emergency Situations of the Department of Emergency Situations in Almaty.
* 2019 - JSC "National Medical University" **Diploma** For active participation in the special tactical exercise dedicated to the World Civil Protection Day
* 2019 - "Ulttyk Medicine University" **Diploma** of professor-okytushylar men kyzmetkerlerі arasynda spartakiyada zharysynda shashkiden **1 oryn**, chesstan **3 oryn**.
* 2019 - JSC "National Medical University" **International Student Journal of medicine** (ISJM) released the thesis "**Hardware and Software Implementation of Microprocessor Cards Based on Arduino**"
* 2019- “National Medical University” **Diploma 1st place** in the university **competition on research works** of students
* 03/17/2018 - 04/15/2018 - certificate of the international course co "Cisco Certified Entry Networking Technician" (72 academic hours), included in the Cisco Networking Academy program
* 7.05.2018 - 24.05.2018 - certificate of completion successfully completed a research and educational internship at the Faculty of Information Technology of the Czech Technical University in Prague
* 2018 - JSC "National Medical University" My students took part and received certificates in the 1st qualifying round of **Scientific Research Works on Informatics and Physics** and passed to the second round.
* 2018 - My students received **a** **Diploma of II degree**, who took II place among students "**To the Day of the First President of the Republic of Kazakhstan"**
* 2018 - JSC "National Medical University" **Certificate** for participation in the training seminar "**Electronic textbook: new technologies in education**"
* 2016 - Astana. "University Medical Center" corporate body

"Balalardy onaltudyn ulttyk ortalygy" branches of **Algys Khat**.

* **2016 –** Kazakh-turik lyceum-boarding schools. **Certificate. Biology, Chemistry, Physics**
* **2016 -** Astana. LLP "OMIX" Certificate for participation in the training seminar **"Robotics in a modern school"**
* 2016 – Kostanay. **Algys Khat**. "**Daryndy balalarga-talenty ustaz**". XI republican pedagogical olypiada.
* **2016-** Astana State Institution "Department for Emergency Situations of the Ministry of Internal Affairs of the Republic of Kazakhstan" Certificate of completion of **the advanced training course for management in the field of Civil Protection.**
* **2016-** Certificate "Self-Knowledge: Pedagogy of Love and Creativity**" debate competition** of the Department of Education of the city of Astana**.**
* **2016-Astana debate club** "Aqikat" near the Museum of the First President of the Republic of Kazakhstan, Astana city education department Certificate "Social policy in ensuring social stability and harmony" city debate tournament.
* 2015-2016 - "**Best judge**" in debate contests held among schoolchildren in educational institutions of Astana and certificates for participating as a coach in city debating tournaments. I was awarded the "**Young poets**" contest in the weekly "We want a healthy lifestyle" contest.
* **2015-**Astana Department of Education of the city of AstanaCertificate **"Professional growth of teachers of mathematics, physics and informatics in the city of Astana through project-research and individual creative weeks of updating the content of secondary education"**
* **2015-**Astana Certifies that successfully completed the course **“Basic Principles of Applied Behavior Analysis(ABA)”** 36 hours.
* 03.2015 - A seminar - training "**Pedagogy of Success**" No. 2015031413 was held at the Charisma Training and Development Center.
* 01.2015 - Completed a training course on the topic: "**Competent approach as a condition for the modernization of education**" and received certificate No. 2015012309 at the Charisma Training and Development Center.
* 6.12.2014 - 20.12.2014 Passed the lecture course "**Modeling and software of the system for solving precedent problems**" and received certificate No. 2303. ENU. L.N. Gumilyov.
* 16 - 27 June 2014 - Happily and successfully dived with an **AquaAge** certificate "**Has Attendedand Successfully Performed 2 Boat Dives 5-7 mt 25 at Aqua Ages Cuba Diving Holidays**" **Antalya/Turkey.**
* June 5 - June 9, 2014 - Made a presentation with the certificate "**International Conferenceon Advancein Information Processingand Communication Technology IPCT'14**" **Rome, Italy.**
* May 29 - June 3, 2014 – Delivered a report with the issuance of the certificate "**International Conferenceon Advance in Computing and Information Technology CCIT'14**" **London, UK.**
* March 4 — April 15, 2014 - **Passed a scientific internship with the issuance of a certificate at the Federal State Unitary Enterprise "GosNIIAS" (Moscow, Russia)**. During the internship, the course "Methods for solving problems by precedents" was mastered
* 30.03.2014 - Participated with issuance a certificate in Theoretical & Applied Science №3(11)2014 (issn 2308-4944). **Integrational of Science & Education Materials of the Integrational Scientific Practical Conference. Gothenburg, Sweden.**
* March 18, 2014 — March 20, 2014- Took part with the issuance of **a certificate in the 8th All-Russian Scientific and Practical Conference "Molecular Diagnostics 2014" Russia, Moscow**.
* **03/29/2014 -** In the Committee on Intellectual Property Rights **of the Ministry of Justice of the Republic of Kazakhstan received the 4th copyright certificate for a work of science:**

**1)** "Algorithm for choosing a precedent according to the Maximin method when observing a situational vector with quantitative coordinates in the Matlab system"

**2)** "The mechanism for selecting a precedent by the introduced situational vector in the Matlab system"

**3)** "Minimax Calculation Algorithm for Determining Case Preference in Matlab System"

**4)** "A probabilistic-statistical model for the distribution of the precedent of the knowledge matrix when observing a situational vector in the Matlab system"

* 02.2014 -at the L.N. Gumilyov Eurasian National University at the autumn sports day, took **2nd place in tug of war, 3rd place in arm wrestling.**
* 13.12.2013 - Took part in an international conference with the issuance of a certificate at the Institute of Management and Socio-Economic Development. **"Information technologies in the life of modern man" Russia, Saratov.**
* 25-27.10.2013 - Received the Diploma of II degree, which took II place **at the International Scientific and Technical Conference** "**Mathematical Modeling and Information Technologies in Education and Science"** Abay Kazakh National Pedagogical University.
* 02.2013 - A**warded** with a letter of thanks from the Faculty of Information Technology of Eurasian National University named after L.N. Gumilev for my active participation in the "Health and Vitality" sports competition among the faculty and staff.
* 06/28/2012 - Ministry of Education and Science of the Republic of Kazakhstan. Republican State Communal Enterprise "Eurasian National University. L.N. Gumilyov". Received a Diploma of II degree, took II place at **the III International Scientific and Practical Conference "Informatization of Society"**
* February 28, 2012 - The Ministry of Justice of the Republic of Kazakhstan in the Committee on Intellectual Property Rights received 2 copyright certificates 1) "Testing system using comparison algorithms" 2) "Scanning and control system for hardware devices of a personal computer" (software for an electronic computer).
* 27.01.2012 -Certificate, in the seminar "**The use of interactive teaching methods in universities**", organized by the Research Center for Educational and Information Innovation Technologies.
* 19.12.2011 - Ministry of Education and Science of the Republic of Kazakhstan. State Enterprise "Eurasian National University name of the L.N. Gumilyov". Participated in the international winter school and received a certificate "**Modern information and communication technologies by industry"**
* **9.11.2011 -** The Ministry of Communications and Information of the Republic of Kazakhstan attended the course and received the certificate **"Electronic government and electronic services"**
* **10/22/2011 - at the Kazakh Humanitarian Law University at the autumn Olympics took 2nd place in kettlebells, 3rd place in arm wrestling.**
* 08/01/2011-08/07/2011 - Received a certificate in the work of the summer school 2011 on IT-technology "**The** **current state, role and trend** **of information technology development**", held within the framework of interstate cooperation in the education system, and attended a lecture course on topical problems of foreign science scientists who took place at the Eurasian National University. L.N. Gumilyov.
* **06/11/2011 - "Cisco Networking Academy"** Passed the full course with the issuance of an international certificate**: "ITEssentials: PCHardware and Software".**
* **05/28/2011 -** Received a certificatein **the Republican scientific and practical conference: "20 years - the period of formation and development of the country", Balkhash.**
* 08.02.2011 - Ministry of Education and Science of the Republic of Kazakhstan. State Enterprise "Eurasian National University. L.N. Gumilyov". Passed advanced training courses under the program and received a certificate: "**Theory and methods of professional activity of a university teacher**."
* 2008 - In the Kazakh University of Finance and International Trade received a diploma: "**The best presenter**."
* 2007 - Ministry of Education and Science of the Republic of Kazakhstan. Educational center "Dostyk". **Passed an in-depth course of the state (Kazakh) language (Office work)** course with the issuance of certificate No. 096.
* 2006 - Kazakh - Indian Center for Information Technologies at KazNU. Al-Farabi. Passed the full course with the issuance of an international certificate: "**UML & JAVA programming**".
* 2005 - Academy of Management (Narxoz), passed **the Moscow author's course** and received a certificate: "**Fundamentals of the theory and methodology of pedagogical measurements**."
* 2004 - Passed advanced training courses and received a certificate: "**Ethics and the formation of a professional image of a civil servant."**

**ADDITIONAL INFORMATION:**

* 50 Educational-methodical complex on subjects of IT-technologies was developed.
* Developed guidelines for the subjects of IT-technologies.
* Gratitude for participation in the 5th Kazakhstan International Exhibition "Education and Career".
* In a secret ballot, he was one of the best curators of the groups.
* Among the interuniversity competitions when climbing the peak, Shymbulak took the second place.
* Filmed in the film "House by the Salt Lake", "Mahabbat zhagalaunda", "Omir hikayalary".
* On Mir TV channel. News of the Commonwealth "Muslim Marriages"
* In the TV channel Independent Television Channel and channel 7 in the program "code 21"
* In commercials dedicated to the tenth anniversary of Astana: “Astana is my city”
* In advertisements in Almaty and Astana: "Ariel", "Triumph Astana", "Too 777plus".
* He was an announcer on the radio Kazakhstan 1, Eurasian National University. Gumilyov.
* Leading Professor Nicolas Science Show
* **Candidate for master of sports in freestyle wrestling, Karate-Kekushinkai.**
* Driving license category B.