



## Khabibullo Nosirov

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**Nationality**: Uzbek

### WORK EXPERIENCE

[ 02/03/2008 – 02/04/2012 ]

#### Technician

*"HYDROINGEO Institute" state enterprise*

**City**: Tashkent | **Country**: Uzbekistan

**Engineer, First Category Engineer, Leading Engineer, Head of the departments**

[ 03/04/2012 – 30/12/2014 ]

*"O'zbekiton MTRK medimarkazi" state unitary company*

**City**: Tashkent | **Country**: Uzbekistan

Head Of Prevention And Repair Department

Head Of Computer Graphics Department

[ 02/09/2012 – 30/12/2017 ]

#### Part Time Assistant

*Teleradiobroadcasting Systems Department, TUIT*

**City**: Tashkent | **Country**: Uzbekistan

[ 31/12/2017 – 13/12/2018 ]

#### Assistant professor

*Tashkent University of Information Technologies*

**City**: Tashkent | **Country**: Uzbekistan

[ 14/12/2018 – 11/01/2021 ]

#### Head of Department

*Tashkent University of Information Technologies*

**City**: Tashkent | **Country**: Uzbekistan

[ 02/09/2020 – 30/06/2022 ]

#### Part Time Associate professor

*Tashkent University of Information Technologies*

**City**: Tashkent | **Country**: Uzbekistan

[ 02/09/2022 – Current ]

#### Part Time Professor

*Tashkent University of Information Technologies*

**City**: Tashkent | **Country**: Uzbekistan

[ 11/01/2021 – Current ]

#### Dean of the Radio and Mobile Communication faculty

*Tashkent University of Information Technologies*

**City**: Tashkent | **Country**: Uzbekistan

[ 14/11/2017 – Current ]

#### Editor-in-chief of "Muhammad al-Khwarizmi Descendants scientific journal"

*Tashkent University of Information Technologies*

**City**: Tashkent | **Country**: Uzbekistan

[ 31/12/2017 – Current ]

#### Editor of "Bulletin of TUIT: Management and Communication Technologies" science-technical journal

**Tashkent University of Information Technologies**

City: Tashkent | Country: Uzbekistan

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**EDUCATION AND TRAINING**

[ 01/09/2006 – 29/06/2010 ]

**Bachelor of Television and Radiobroadcasting**

*Tashkent University of Information Technologies*

City: Tashkent | Country: Uzbekistan | | Level in EQF: EQF level 7

[ 01/09/2010 – 29/06/2012 ]

**Master in Digital Television and Radiobroadcasting**

*Tashkent University of Information Technologies*

City: Tashkent | Country: Uzbekistan | | Level in EQF: EQF level 7

[ 31/12/2014 – 30/12/2017 ]

**PhD in Technics**

*Tashkent University of Information Technologies named after Muhammad al-Khwarizmi*

City: Tashkent | Country: Uzbekistan | | Level in EQF: EQF level 8

[ 01/01/2019 – 21/06/2024 ]

**DSc in Digital Technologies and Artificial Intelligence**

*Tashkent University of Information Technologies* [tuit.uz](http://tuit.uz)

City: Tashkent | Country: Uzbekistan |

[ 14/05/2018 – 12/07/2018 ]

**Certificate of Completion of Knowledge Sharing Program on AI**

*Electronics and Telecommunications Research Institute* <https://www.etri.re.kr/>

City: Daejeon | Country: South Korea |

[ 27/10/2019 – 26/12/2019 ]

**Certificate of Completion of Scientific Traineeship on AI**

*Klagenfurt University* [aau.at](http://aau.at)

Address: Lakeside B04a, 9020, Klagenfurt, Austria |

[ 07/12/2021 – 20/12/2021 ]

**Certificate of Completion of "Seminar on Beidou Satellite Navigation System for Maritime Applications"**

*Wuhan Research Institute of P&T*

Address: Hubei Province, Wuhan City, China |

[ 27/10/2018 – 01/11/2018 ]

**Short term visit to Gdańsk University of Technology, E+ INTRAS project**

*Gdańsk University of Technology*

City: Gdansk | Country: Poland |

[ 04/11/2018 – 09/11/2018 ]

**Short term visit to Klagenfurt University, E+ INTRAS project**

*Klagenfurt University*

City: Klagenfurt | Country: Austria |

[ 09/02/2019 – 13/02/2019 ]

**Short term visit to AL-FARABI KAZAKH NATIONAL UNIVERSITY, E+ DECIDE project**

*AL-FARABI KAZAKH NATIONAL UNIVERSITY*

City: Almaty | Country: Kazakhstan |

[ 30/03/2019 – 07/04/2019 ]

**Short term visit to Zilina University, E+ INTRAS project**

*Zilina University*

City: Zilina | Country: Slovakia |

[ 20/10/2019 – 26/10/2019 ]

**Short term visit to Klagenfurt University, E+ INTRAS project**

***Klagenfurt University***

**City:** Klagenfurt | **Country:** Austria |

[ 26/01/2020 – 28/01/2020 ] **EACEA training Grantholders meeting, E+ SPACECOM project**

***EACEA***

**City:** Brussels | **Country:** Belgium |

[ 28/01/2020 – 31/01/2020 ] **Short term visit to Technical University of Berlin, E+ SPACECOM project**

***Technical University of Berlin***

**City:** Berlin | **Country:** Germany |

[ 13/09/2021 – 19/09/2021 ] **Short term visit to Klagenfurt University, E+ Exchange program**

***Klagenfurt University***

**City:** Klagenfurt | **Country:** Austria |

[ 07/02/2022 – 10/02/2022 ] **Short term visit to BGUIR**

***Belarusian State University of Informatics and Radioelectronics***

**City:** Minsk | **Country:** Belarus |

[ 10/04/2022 – 16/04/2022 ] **Short term visit to Sorbonne University, E+ SPACECOM project**

***Sorbonne University***

**City:** Paris | **Country:** France |

[ 19/04/2022 – 26/04/2022 ] **Short term visit to Klagenfurt University, E+ Exchange program**

***Klagenfurt University***

**City:** Klagenfurt | **Country:** Austria |

[ 12/06/2022 – 18/06/2022 ] **Short term visit to AP Hogeschool Antwerp, E+ SPACECOM project**

***AP Hogeschool Antwerp***

**City:** Antwerp | **Country:** Belgium |

**INMACOM project trainings at Ghent University and Vrije University of Brussels**

[ 21/05/2023 – 27/05/2023 ]

***Ghent University and Vrije University of Brussels***

**City:** Brussels | **Country:** Belgium |

[ 21/08/2023 – 25/08/2023 ] **Short term visit to Technical University of Berlin, E+ SPACECOM project**

***Technical University of Berlin*** <https://www.tu.berlin/>

**City:** Berlin | **Country:** Germany |

**Short term visit to Sarajevo University, EU, OBREAL, SPHERE project, HERE training**

[ 06/11/2023 – 10/11/2023 ]

***Sarajevo University*** <https://www.unsa.ba/en>

**City:** Sarajevo | **Country:** Bosnia and Herzegovina |

**Short term visit to Tampere University, EU, OBREAL, SPHERE project, HERE training**

[ 02/09/2024 – 05/09/2024 ]

***Tampere University*** <https://www.tuni.fi/en>

**City:** Tampere | **Country:** Finland |

## PROJECTS

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- [ 15/11/2019 – 14/11/2023 ] **598661-EPP-1-2018-1-RO-EPPKA2-CBHE-JP Developing services for Individuals with Disabilities**  
Position: Teacher/Researcher
- [ 14/10/2017 – 13/10/2021 ] **586292-EPP-1-2017-1-PL-EPPKA2-CBHE-JP INTRAS - Intelligent Transport Systems: New Master Programs on ICT in Uzbekistan**  
Position: Teacher/Researcher, Technician
- [ 15/11/2019 – 14/11/2023 ] **609715-EPP-1-2019-1-UZ-EPPKA2-JP SPACECOM New study program in space systems and communications engineering**  
Position: Coordinator
- [ 31/12/2008 – 30/12/2011 ] **17-004 "Development of a videocodec on basis of wavelet transforming with interaudioframe coding**  
Position: Scientific associate
- [ 31/12/2011 – 30/12/2017 ] **A5-024 "Development of hardware-software audio-video codec based on wavelet transformation**  
Position: Senior researcher
- [ 31/12/2016 – 30/12/2018 ] **A5-008 "Development of the software of the television codec for IP-TV and mobile communication**  
Position: Senior researcher
- [ 01/02/2023 – Current ] **101083224-ERASMUS-EDU-2022-CBHE-STRAND-2 - INMACOM - INnovative MAster's program in photonics and optical COMMunications to meet the needs of the telecommunications labour market in Uzbekistan**  
The main objectives of the project are:  
  1. Development of a new curriculum for the master's program in photonics and optical communication by June 2024,
  2. Implementation of the new Master's degree program from October 2024,
  3. Establishment of photonics and optical communication laboratories by August 2024,
  4. Establish links between universities and industry for the development of the labor market in the field of telecommunications in Uzbekistan.Position: Contact person of the Porject  
**Link:** [inmacom.uz](http://inmacom.uz)
- [ 14/01/2022 – 30/12/2023 ] **Prototype of an electronic "Braille gadget" for the blind and visually impaired**  
Position: Coordinator

## LANGUAGE SKILLS

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**Mother tongue(s):** Uzbek

**Other language(s):**

**English**

LISTENING C1 READING C2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

**Russian**

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## DIGITAL SKILLS

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**My Digital Skills**

MATLAB&Simulink | Microsoft Office | Programmin language PYTHON | Google Docs

## PUBLICATIONS

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[Scopus Link](#)

[Google Scholar Link](#)

[Researchgate Link](#)

- [ 2020 ] [Real-time multi parametric human health monitoring and prediction system](#)
- [ 2020 ] [The greenhouse control based-vision and sensors](#)
- [ 2020 ] [Design of a model for radio monitoring system of the state of the earth's soil based on fiber-optic sensors](#)
- [ 2019 ] [Display Integrated Mobile Phone Prototype For Blind People](#)
- [ 2019 ] [Image Filtering Algorithm Based On The Analysis Of The Main Components. 4-6 November, Tashkent Uzbekistan](#)
- [ 2018 ] [Quality Evaluation of Compressed Images Based on Prediction Errors of Pixel Values](#)
- [ 2016 ] ["Цифровое телевидение" \(Digital television\), «Top Image Media», A BOOK](#)  
Tashkent, 400 p.
- [ 2019 ] [Телевидение \(Television\), A BOOK](#)  
Aloqachi, Tashkent, 316 p.
- [ 2016 ] [Аудио ва видео сигналларга рақамли ишлов бериш \(Digital processing of audio and video signals\), Lecture notes](#)  
Aloqachi, Tashkent, 80 p.
- [ 2018 ] [Рақамли эшиттириш тизимларининг асосий кўрсаткичларини ҳисоблаш \(Calculation of the main indicators of digital broadcasting systems\), Methodical instruction](#)  
"Editorial publication" section. Tashkent, 52 p.
- [ 2021 ] [Инновации в высшем образовании: Европейский опыт для Узбекистана \(SOME ISSUES OF IMPROVING THE QUALITY OF HIGHER ENGINEERING EDUCATION\)](#)

Republican scientific conference on "Physics of semiconductors, micro and nanoelectronics: prospects for integration of science, education and industry" (in Uzbekistan)

[ 2020 ] **Иновации в высшем образовании: Европейский опыт для Узбекистана (Innovation in Higher Education: A European Experience for Uzbekistan)**

"Muhammad al-Xorazmiy avlodlari", № 2 (12), 06. 2020, pp.137-139

[ 2021 ] **Ахборот технологиялари йўналиши бўйича иқтидорли талабаларни танлаш ва ўқув-билиш фаолиятини ташкил этиш муаммолари (Problems of selection and organization of educational activities of gifted students in the field of information technology)**

Republican scientific conference on "Physics of semiconductors, micro and nanoelectronics: prospects for integration of science, education and industry"

[ 2020 ] **[Design Of A Model For Multi-Parametric Health Monitoring System](#)**

[ 2020 ] **[Analog Sensing and Leap Motion Integrated Remote Controller for Search and Rescue Robot System](#)**

[ 2020 ] **[Design of a Model For Disinfection Robot System](#)**

[ 2021 ] **[A simple anti-parallel diodes based chaotic jerk circuit with arcsinh function: theoretical analysis and experimental verification](#)**

[ 2021 ] **[The Effects of Symmetry Breaking Perturbation on the Dynamics of a Novel Chaotic System with Cyclic Symmetry: Theoretical Analysis and Circuit Realization](#)**

[ 2021 ] **[Development of a Prototype of a Search and Rescue Robot Equipped with Multiple Cameras](#)**

## NETWORKS AND MEMBERSHIPS

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[ 20/02/2023 – Current ] **Higher Education Reform Experts Team of Uzbekistan, ERASMUS+**

One of seven new members

[ 20/12/2019 – Current ] **05.04.01-05.04.02 Scientific seminars under the Scientific Council awarding scientific degrees DSc.13/30.12.2019.T.07.02 at Tashkent University of Information Technologies**