# 1. DIPLOM SOHIBI HAQIDA MA'LUMOTLAR / INFORMATION ABOUT THE DEGREE HOLDER

1.1 Familiyasi/Surname
**ABDULLAYEV / ABDULLAEV**

1.2 Ismi, otasining ismi/Name, other name
**AZIZBEK RUSTAMOVICH / AZIZBEK**

1.3 Tug'ilgan sana/Date of birth
**15.11.2000**

1.4 Talabaning identifikatsion raqami va kodi/Student's identification number and code
315191102718

1.5 Avvalgi ta'lim haqida hujjat/Previous education document
2016-2019, Toshkent irrigatsiya va qishloq xo'jaligini mexanizatsiyalash muxandislari instituti huzuridagi akademik litsey, L 380049 / 2016-2019, Academic lyceum at Tashkent Institute of Irrigation and Agricultural Mechanization Engineers, L 380049

**B00396383**

# 2. MALAKASI HAQIDA MA'LUMOTLAR / QUALIFICATION

2.1 Malakasining (darajasining) nomi, berilgan sanasi/Qualification, date of issue
**Bakalavr, 14.06.2023 / Bachelor, 14.06.2023**

Davlat attestatsiya komissiyasining qarori/Decision of the State Attestation Commission

14.06.2023

2.2 Ta'lim yo'nalishi, mutaxassisligi/Field of study, specialization
**5330200 - Informatika va axborot texnologiyalari (tarmoqlar va sohalar bo'yicha) / 5330200 - Informatics and Information Technologies (by branchs and sectors)**

2.3 Kvalifikatsiyasi/Qualification
**Axborot texnologiyalari muhandisi / Information technology engineer**

(diplomsiz ilova haqiqiy hisoblanmaydi/not valid without diploma about the degree)

2.4 Diplom bergan oliy ta'lim muassasasining nomi, tashkiliy-huquqiy shakli, ta'lim muassasasining turi/Awarding institution
Islom Karimov nomidagi Toshkent davlat texnika universiteti, Respublika miqyosidagi davlat Oliy ta'lim muassasasi / Tashkent state technical university named after Islam Karimov, Republican State Higher Education Institution

Oliy ta'lim muassasasining rekvizitlari: pochta manzili, shahar, ko'cha, uy raqami, telefonlari, elektron pochta manzili

100095, Toshkent sh., Universitet ko'chasi, 2, E-mail: tstu_info@tdtu.uz
Tel.: 71 246-46-00. Fax.; 71 227-10-32.

2.5 Avval tahsil olgan oliy ta'lim muassasasining nomi va tashkiliy-huquqiy shakli, o'qitish davri/Former Institution administered studies

Requisites of higher education institution: postal address, city, street, house number, telephone number, e-mail address

100095, St. University 2, Almazar district, Tashkent E-mail: tstu_info@tdtu.uz
Phone.: 71 246-46-00. Fax.; 71 227-10-32.

2.6 Ta'lim (imtihon) til(lar)i/Language(s) of instruction (examination)
Rus/Russian

# 3. TA'LIM DARAJASI HAQIDA MA'LUMOTLAR / INFORMATION ON THE LEVEL OF EDUCATION

3.1 Ta'lim darajasi/Level of education
Bakalavr / Bachelor

3.2 Ta'limning kunduzgi shakli bo'yicha dasturni o'zlashtirish muddati/Length of full-time programme
4 Yil / 4 Year(s)

3.3 O'qishga kiruvchilarga qo'yiladigan talab(lar)/Admission requirement(s)
Umumiy o'rta (10-11-sinflar negizida), o'rta maxsus, kasb-hunar ma'lumoti to'g'risidagi tegishli hujjatga ega bo'lgan va kirish imtihonlari (test sinovlari)dan muvaffaqiyatli o'tish / Having the documents about general secondary (based on grades 10-11), secondary special and vocational education, and successful passing entrance examinations (tests)

# 4. TA'LIMNING MAZMUNI VA ERISHILGAN NATIJALAR HAQIDA MA'LUMOTLAR / INFORMATION ON THE CONTENTS OF STUDY AND GRADES OBTAINED

4.1 Ta'lim shakli/Type of study
Kunduzgi / Full-time education

4.2 Ta'lim dasturining tavsifi/Curriculum description

Informatika va axborot texnologiyalari (tarmoqlar va sohalar bo'yicha) bakalavriat ta'lim yo'nalishi – fan va texnika sohasidagi yo'nalish bo'lib, ishlab chiqarish tizimlarini loyihalash usullarini tadqiq qilish, kompyuter va kommunikatsion texnikaning ishlash tartibi va qoidalarini o'rganish, loyihalash jarayonlarini tahlil qilish, sintezlash va optimallash usullarini qo'llash, kompyuter va kommunikatsion texnikada kechadigan fizik jarayonlarni matematik modellarini ishlab chiqish, kompyuter tizimlarining samaradorligi va ishonchliligini baholash algoritmlarini va amaliy dasturlarini ishlab chiqish, apparat-dasturiy tizimlarni loyihalash va ishlab chiqish hamda integratsiyalash bilan bog'liq kompleks masalalar majmuasini qamrab oladi. / Informatics and Information Technologies (by branchs and sectors) bachelor's degree is a field of science and technology that covers a set of complex issues related with the research methods of designing production systems, the study of the orders and rules of computer and communication equipments' operation, design process analysis, application of synthesis and optimization methods, development of mathematical models of physical processes in computer and communication technology, development of algorithms and applications for evaluating the efficiency and reliability of computer systems, design and development and integration of hardware and software systems.

4.3 Ta'lim dasturini o'zlashtirish natijalari haqida ma'lumotlar/Programme details and grades obtained

| T/r | Fan (modul)ning nomi / Name of the course (module) | Soatlarning umumiy miqdori / Total hours in the curriculum | Baholash/Grade (reyting, ball, kredit, baho / rating, score, credit, mark) |
|---|---|---|---|
| 1 | Axborot boshqarish tizimlarini instrumental vositalari / Instrumental tools of information management systems | 382 | 3 |
| 2 | Axborotlarga ishlov berishni algoritmlash / Algorithmization of information processing | 134 | 3 |
| 3 | Axborot tizimlarini avtomatlashirilgan loyihalash / Automated design of information systems | 180 | 3 |
| 4 | Axborot tizimlari va tarmoqlari / Information Networks and Systems | 198 | 4 |
| 5 | Boshqarish jarayonini axborot texnologiyalari / Information technology in the management process | 184 | 3 |
| 6 | Boshqarish nazariyasi / Control theory | 274 | 3 |
| 7 | Chizma geometriya va muhandislik grafikasi / Descriptive geometry and engineering graphics | 134 | 3 |
| 8 | Dinshunoslik / Religion science | 64 | 3 |
| 9 | Diskret boshqarish tizimlari / Discrete control systems | 220 | 4 |
| 10 | Ekologiya / Ecology | 72 | 3 |
| 11 | Elektronika va sxemotexnika / Electronics and circuitry | 274 | 3 |
| 12 | Falsafa / Philosophy | 128 | 4 |
| 13 | Favqulodda vaziyatlar va fuqaro muhofazasi / Emergencies and civil protection | 60 | 4 |
| 14 | Fizika / Physics | 218 | 3 |
| 15 | Hayot faoliyati havfsizligi / Life activity safety | 88 | 3 |
| 16 | Identifikatsiyalash, modellashtirish va optimallashtirish / Identification, modeling and optimization | 320 | 3 |
| 17 | Innovatsiya va tadbirkorlik / Innovation and entrepreneurship | 58 | 3 |
| 18 | Intellektual boshqarish nazariyasi / Theory of intellectual management | 176 | 4 |
| 19 | Jismoniy tarbiya va sport / Physical education and sport | 128 | 4 |
| 20 | Kasbiy psixologiya / Professional psychology | 70 | 3 |
| 21 | Kimyo / Chemistry | 112 | 3 |
| 22 | Kompyuter tizimlari va telekommunikatsiyalar / Computer networks and telecommunications | 264 | 4 |
| 23 | Ma'lumotlar bazasini boshqarish va dasturlash texnologiyalari / Database management and programming technologies | 298 | 3 |
| 24 | Metrologiya va standartlashtirish / Metrology and standardization | 134 | 4 |
| 25 | Muhandislik dasturlari / Engineering programming | 134 | 3 |
| 26 | Nazariy elektrotexnika / Theoretical electrical engineering | 134 | 3 |
| 27 | Ob'ektga yo'naltirilgan dasturlash tillari / Object oriented programming languages | 110 | 3 |
| 28 | Oliy matematika / Higher Mathematics | 420 | 3 |
| 29 | O'zbekistonni rivojlantirish strategiyasi. Fuqarolik jamiyati / Development strategy of Uzbekistan. Civil society | 90 | 4 |
| 30 | O'zbekiston tarixi / History of Uzbekistan | 78 | 4 |
| 31 | O'zbek (rus) tili / Uzbek (Russian) language | 150 | 3 |
| 32 | Soha iqtisodiyoti va menejmenti / Sectoral economics and management | 88 | 3 |
| 33 | Tarmoqlarni administrlash va axborot xavfsizligi / Network administration and information securityvfsizligi | 252 | 4 |
| 34 | Texnik tizimlarda axborot texnologiyalari / Information technology in technical systems | 184 | 3 |
| 35 | Tizimlar nazariyasi asoslari / Fundamentals of systems theory | 164 | 3 |
| 36 | Web dasturlash asoslari / Fundamentals of Web programming | 134 | 3 |
| 37 | Xorijiy til / Foreign language | 356 | 3 |
| 38 | Yo'nalishga kirish / Introduction to the specialty | 58 | 3 |
| | **JAMI / TOTAL** | **6522** | **3.27 (66)** |
| | **Kurs ishlari / Course papers** | | |
| 1 | Axborot boshqarish tizimlarini instrumental vositalari (Kurs ishi) / Instrumental tools of information management systems (Course work) | | 3 |
| 2 | Axborot tizimlarini avtomatlashirilgan loyihalash (Kurs loyihasi) / Automated Design of Information Systems (Course project) | | 3 |
| 3 | Boshqarish jarayonini axborot texnologiyalari (Kurs ishi) / Information technology in the management process(Course work) | | 3 |
| 4 | Boshqarish nazariyasi (Kurs ishi) / Control theory (Course work) | | 3 |
| 5 | Elektronika va sxemotexnika (Kurs ishi) / Electronics and circuitry (Course work) | | 3 |
| | **Malakaviy amaliyot / Qualification practice** | | |
| 1 | Malakaviy amaliyot (1-kurs) / Qualification practice (1-course) | 302 | 3 |
| 2 | Malakaviy amaliyot (2-kurs) / Qualification practice (2-course) | 202 | 3 |
| 3 | Malakaviy amaliyot (3-kurs) / Qualification practice (3-course) | 540 | 4 |
| 4 | Malakaviy amaliyot (4-kurs) / Qualification practice (4-course) | 144 | 3 |

| | Bitiruv malakaviy ishi (magistrlik dissertatsiyasi) / Graduation qualification work (master's dissertation) | | |
|---|---|---|---|
| 1 | Bitiruv malakaviy ishi / Final qualifying work:<br>Flutter platformasida ob-havo ma'lumotlari mobil ilovasini ishlab chiqish / Development of the mobile application "Notes weather forecast" on the Flutter platform | 324 | 3 |

4.4 Oliy ta'lim muassasasida baholash tizimi/Grading system at higher education institution

O'zbekiston Respublikasi Oliy va o'rta maxsus ta'lim vazirligining 2018 yil 9 avgustdagi 19-2018-sonli buyrug'i bilan tasdiqlangan (Adliya vazirligi tomonidan 2018-yil 26-sentabrda 3069-raqam bilan ro'yxatdan o'tkazilgan) "Oliy ta'lim muassasalarida talabalar bilimini nazorat qilish va baholash tizimi to'g'risidagi Nizom"ga asosan talabalar bilimini baholash amalga oshiriladi. / According to the "Regulations on the system of control and evaluation of student knowledge in higher education institutions", approved by the order of the Ministry of Higher and Secondary Special Education of the Republic of Uzbekistan dated August 9, 2018 No 19-2018 (Registered by the Ministry of Justice on September 26, 2018 No 3069) assessment of student knowledge is carried out.

4.5 Diplom haqida qo'shimcha ma'lumotlar/Additional information to the degree

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## 5. DIPLOM BILAN BERILADIGAN HUQUQ VA IMTIYOZLAR / RIGHTS AND PRIVILEGES PROVIDED BY THE DEGREE

5.1 Ta'limni davom ettirish imkoniyatlari/Access to further study

Mazkur ta'lim yo'nalishi bo'yicha berilgan diplom tegishli va turdosh mutaxassisliklar bo'yicha magistraturada o'qishni davom ettirish imkoniyatini beradi. / A diploma given in this direction of education allows you to continue your studies in the master's degree for the relevant or related specialties

5.2 Kasbga oid huquqiy maqomi/Professional status

Berilgan mutaxassislik ta'lim darajasi va malakaga muvofiq kasbiy faoliyat yuritish (ishga joylashish) huquqini beradi. / Gives the right to carry out professional activity (employment) according to the level of education and qualification by this specialty

## 6. QO'SHIMCHA MA'LUMOTLAR/ADDITIONAL INFORMATION

O'zbekiston Respublikasi Vazirlar Mahkamasi huzuridagi Ta'lim sifatini nazorat qilish davlat inspeksiyasining 2018 yil 1 iyunda berilgan va OTM №5000005 raqam bilan qayd etilgan Davlat akreditatsiya to'g'risidagi sertifikati. / Certificate of State Accreditation of the State Inspectorate for Quality Control in Education under the Cabinet of Ministers of the Republic of Uzbekistan, issued on June 1, 2018 and numbered HEI №5000005.

**IMZO VA MUHR / SIGNATURE AND SEAL**

Diplomga ilova/Diploma supplement
**B00396383**

Rektor /
Rector

**S. M. TURABDJANOV**

Ro'yxat raqami/Registration number
**1468**

Berilgan vaqti/Date of issue
**12.07.2023**