

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

1.1 Familiyasi/Surname

XALILOV / KHALILOV

1.2 Ismi, otasining ismi/Name, other name

**NIZOMIDDIN NAJMIDDIN
O'G'LI / NIZOMIDDIN**

1.3 Tug'ilgan sana/Date of birth

28.06.2004

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

392221101286

1.5 Avvalgi ta'lim haqida hujjat/Previous education document

2011-2022y, Andijon viloyati, Marhamat tumanidagi individual fanlarni chuqur
o'rganadigan 3-sonli ixtisoslashtirilgan maktab, UM №1230748 / 2011-2022y,
Andijan region, Marhamat district Specialized school No. 3 with in-depth study
of individual subjects in Marhamat district, UM No. 1230748

B00914548

2. MALAKASI HAQIDA MA'LUMOTLAR / QUALIFICATION

2.1 Malakasining (darajasining) nomi, berilgan sanasi/Qualification, date of issue

Bakalavr, 30.06.2026 / Bachelor, 30.06.2026

Davlat attestatsiya komissiyasining qarori/Decision of the State Attestation
Commission

30.06.2026

2.2 Ta'lim yo'nalishi, mutaxassisligi/Field of study, specialization

**60610501 - Kompyuter injiniringi: Kompyuter injiniringi /
60610501 - Computer engineering: Computer
engineering**

2.3 Kvalifikatsiyasi/Qualification

Muhandis-dasturchi / Engineer-programmer

2.4 Diplom bergan oliy ta'lim muassasasining nomi, tashkiliy-huquqiy shakli,
ta'lim muassasasining turi/Awarding institution

**Farg'ona davlat texnika universiteti, Respublika miqyosidagi
davlat Oliy ta'lim muassasasi / Fergana state technical
university, Republican State Higher Education Institution**

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

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

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

150109, Farg'ona sh., Farg'ona
ko'chasi-86, E-mail: info@fstu.uz, Tel.:
(+998) 73-241-12-01, Faks: 73-241-12-06

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

150109, Fergana, 86 Fergana street, E-
mail: info@fstu.uz, Tel.:
(+998)73-241-12-01, Fax: 73-241-12-06

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

O'zbek/Uzbek

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

60610501-Kompyuter injiniringi («Kompyuter injiniringi») ta'lim yo'nalishi bo'yicha bakalavrlar ishlab chiqarish-sozlash, loyihaviy-konstruktorlik, foydalanish va servis xizmatini ko'rsatish, tashkiliy-boshqaruv, ilmiy-tadqiqot, konsalting xizmati, o'rta maxsus, kasb-hunar ta'lim muassasalarida pedagogik faoliyat kabi kasbiy faoliyat turlari bilan shug'ullanishadi. Yo'nalish bo'yicha fan, texnika, texnologiyalarning zamonaviy yutuqlari, kadrlar buyurtmachilari talablaridan kelib chiqqan holda bakalavrlarning kasbiy faoliyat turlarida qo'shimcha o'zgarishlar bo'lishi mumkin. Kompyuter injiniringi ta'lim yo'nalishi doirasida talabalar hisoblash mashinalari, majmualari, tizimlari va tarmoqlarini loyihalash, avtomatlashtirilgan axborotni qayta ishlash va boshqarish tizimlarini yaratish, kompyuter uskunalari va avtomatlashtirilgan tizimlarning dasturlarini bilish va ishlab chiqish, ushbu tizimlarni matematik, axborot, texnik, tashkiliy va huquqiy ta'minlash usullarini o'rganish va tadbiq etish, loyihalash usullarini tadqiq qilish, kompyuter va kommunikatsion texnikaning ishlash tartibi va qoidalarini o'rganish, dasturlash jarayonlarini tahlil qilish, sintezlash va optimizatsiyalash usullarini qo'llash hamda mahsulotni sertifikatlashtirish, qurilma-dasturiy ta'minot yaratishda axborot bilan ishlash jarayonlari bo'yicha matematik modellarni qo'llash, dasturiy ta'minot yaratishda algoritmlari va matematik ta'minotlarini ishlab chiqish, dasturiy va qurilma-dasturiy ta'minotni integratsiyalash kabi nazariy bilim va amaliy ko'nikmalarga ega bo'ladi. / 60610501-bachelors in the field of Computer Engineering ("Computer Engineering") are engaged in such types of professional activities as production-adjustment, design-design, provision of Use and service service, organizational-management, research, consulting service, pedagogical activity in secondary specialized, vocational educational institutions. There may be additional changes in the types of professional activities of bachelors, based on the modern achievements of Science, Technology, Technology in the direction, the requirements of personnel orders. Within the educational direction of computer engineering, students study the procedure and rules of operation of computing machines, complexes, systems and networks, the creation of automated information processing and control systems, knowledge and development of programs of computer equipment and automated systems, the study and implementation of methods of mathematical, information, technical, organizational and legal provision of these systems, the research of design methods, the study of and will acquire theoretical knowledge and practical skills, such as device-software integration.

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	Akademik yozuv / Academic writing	120	112 / 94 / 4 / 5
2	Algoritmlarni loyihalash / Designing algorithms	180	171 / 95 / 6 / 5
3	Amaliy dasturiy paketlar / Practical software packages	180	173 / 96 / 6 / 5
4	Chiziqli algebra / Linear algebra	120	102 / 85 / 4 / 4
5	Dasturlash / Programming	360	288 / 80 / 12 / 4
6	Differensial tenglamalar / Differential equations	120	98 / 82 / 4 / 4
7	Diskret tuzilmalar / Discrete design	180	160 / 89 / 6 / 4
8	Ehtimollik va statistika / Probability and statistics	180	169 / 94 / 6 / 5
9	Elektronika va sxemalar / Electronics and circuits	180	135 / 75 / 6 / 4
10	Elektronika va sxemalar 2 / Electronics and circuits 2	180	158 / 88 / 6 / 4
11	Fizika / Physics	360	293 / 82 / 12 / 4
12	Geoaxborot texnologiyalari / Geoinformation technologies	180	164 / 91 / 6 / 5
13	Hayot faoliyati xavfsizligi / Safety of life activities	120	107 / 89 / 4 / 4
14	Hisob(Calculus) / Calculus	240	187 / 78 / 8 / 4
15	Individual loyiha / Individual project	120	113 / 95 / 4 / 5
16	Inson va kompyuterning o'zaro ta'siri / Human-Computer Interaction	180	169 / 94 / 6 / 5
17	IT tizimlarida sifat menejmenti va standartlashtirish asoslari / Fundamentals of quality management and standardization in IT systems	180	173 / 96 / 6 / 5
18	Jismoniy tarbiya / Physical education	60	53 / 88 / 0 / 4
19	Kiberxavfsizlik asoslari / Fundamentals of cyber security	180	158 / 88 / 6 / 4
20	Kompyuter arxitekturasini / Computer architecture	180	169 / 94 / 6 / 5
21	Kompyuterni tashkil etish / Computer organization	180	176 / 98 / 6 / 5
22	Kompyuter tarmoqlari / Computer networks	180	171 / 95 / 6 / 5
23	Ma'lumotlar bazasi / Database	180	171 / 95 / 6 / 5
24	Ma'lumotlarni intellektual tahlili / Intellectual data analysis	180	171 / 95 / 6 / 5
25	Ma'lumotlar tuzilmasi va algoritmlar / Data structure and algorithms	180	146 / 81 / 6 / 4
26	Mobil ilovalarni ishlab chiqish / Development of mobile applications	180	171 / 95 / 6 / 5
27	Operatsion tizimlar / Operating systems	120	116 / 97 / 4 / 5
28	O'rnatilgan tizimlar / Installed systems	180	173 / 96 / 6 / 5
29	O'zbekistonning eng yangi tarixi / The Contemporary History of Uzbekistan	120	100 / 83 / 4 / 4
30	O'zbekiston tarixi / History of Uzbekistan	120	118 / 98 / 4 / 5
31	Parallel kompyuterlarning arxitekturasini va dasturlash / Architecture and programming of parallel computers	180	162 / 90 / 6 / 5
32	Pedagogika. Psixologiya / Pedagogy. Psychology	120	113 / 94 / 4 / 5
33	Real vaqt tizimlari / Real time systems	180	171 / 95 / 6 / 5
34	Sun'iy intellekt asoslari / Fundamentals of artificial intelligence	180	169 / 94 / 6 / 5
35	Tarmoq xavfsizligi / Network security	180	171 / 95 / 6 / 5
36	Tizimlar va signallarni qayta ishlash / Systems and signal processing	180	173 / 96 / 6 / 5
37	Web ilovalar yaratish / Creating web applications	180	144 / 80 / 6 / 4
38	Xorijiy til (ingliz tili) / Foreign language (English)	240	216 / 90 / 8 / 5
	JAMI / TOTAL	6660	5984 / 90.5 / 220 / 4.63 (93)
	Malakaviy amaliyot / Qualification practice		
1	Bitiruv oldi amaliyot / Graduate internship	60	55 / 91 / 2 / 5
2	Ishlab chiqarish amaliyoti / Production practice	60	56 / 94 / 2 / 5
	Bitiruv malakaviy ishi (magistrlik dissertatsiyasi) / Graduation qualification work (master's dissertation)		
1	Bitiruv malakaviy ish / Graduation qualification work: Sun'iy intellekt yordamida prostata saratonini aniqlash(Deep learning, CNN) / Detection of prostate cancer using artificial intelligence (Deep Learning, CNN)	480	432 / 90 / 16 / 5
	O'rtacha ball / GPA (Grade Point Average)		4.62

4.4 Oliy ta’lim muassasasida baholash tizimi/Grading system at higher education institution
O‘zbekiston Respublikasi Vazirlar Mahkamasining 2020 yil 31 dekabrda 824-sonli qarori bilan tasdiqlangan “Oliy ta’lim muassasalarida o‘quv jarayoniga kredit-modul tizimini joriy etish tartibi to‘g‘risida Nizom”ga asosan talabalar bilimni baholash amalga oshiriladi. / According to the "Regulations on the procedure for introducing a credit-module system in the educational process in higher education institutions", approved by the decree of the Cabinet of Ministries of the Republic of Uzbekistan dated December 31, 2020 No 824 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 Prezidentining 2025-yil 24-yanvardagi PQ-26-sonli qarori, Oliy ta’lim, fan va innovatsiyalar vazirligining 2025-yil 30-yanvardagi 31-sonli buyrug‘iga asosan: / In accordance with Resolution No. PQ-26 of the President of the Republic of Uzbekistan dated January 24, 2025, and Order No. 31 of the Ministry of Higher Education, Science and Innovation dated January 30, 2025.

IMZO VA MUHR / SIGNATURE AND SEAL

Rektor / **R. R. TOJIYEV**
Rector

Diplomga ilova/Diploma supplement
B00914548

Ro‘yxat raqami/Registration number
1182

Berilgan vaqti/Date of issue
01.07.2026