

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

1.1 Familiyasi/Surname
**SHAMUROTOV /
SHAMUROTOV**

1.2 Ismi, otasining ismi/Name, other name
**SARVARBEK SHOKIR
O'G'LI / SARVARBEK**

1.3 Tug'ilgan sana/Date of birth
17.12.1997

1.4 Talabaning identifikatsion raqami va
kodi/Student's identification number and code
390171100026

1.5 Avvalgi ta'lim haqida hujjat/Previous education document
**2014-2017, Shovot Yengil Sanoat kasb -hunar kolleji, K
№4835909 / 2014-2017, Shavat Light Industry Professional
College, K №4835909**

B00105511

2. MALAKASI HAQIDA MA'LUMOTLAR / QUALIFICATION

2.1 Malakasining (darajasining) nomi, berilgan sanasi/Qualification, date of issue
Bakalavr, 30.06.2021 / Bachelor, 30.06.2021

Davlat attestatsiya komissiyasining qarori/Decision of the State Attestation
Commission

30.06.2021

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

**5330501 - Kompyuter injiniringi: Kompyuter injiniringi /
5330501 - 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

**Muhammad al-Xorazmiy nomidagi Toshkent axborot texnologiyalari universiteti,
Respublika miqyosidagi davlat Oliy ta'lim muassasasi / Tashkent University of
information technologies named after Muhammad al-Khwarizmi, 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

220100. Urganch sh., Al - Xorazmiy
ko'chasi, 110-uy, Tel: +99862-224-61-32,
e-mail: info@ubtuit.uz.

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

220100. Urgench, Al - Khorezmi str.,
110, Phone: +99862-224-61-32, e-mail:
info@ubtuit.uz.

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

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

Kompyuter injiniringi («Kompyuter injiniringi») ta'lim yo'nalishi talabalariga kompyuterlarni, avtomatlashtirilgan tizimlar va tarmoqlarni, axborotga ishlov berish va boshqarish tizimlarini, avtomatlashtirilgan loyihalash tizimlarini, kompyuter qurilma-dasturiy vositalarini yaratishga va ulardan foydalanishga yo'naltirilgan usullar, uslublar va usullarning majmuasini o'z ichiga olgan fan va texnologiyalar sohasiga asoslangan bilimlarni berishni ta'minlashdir. Kompyuter injiniringi ta'lim yo'nalishi doirasida talabalar hisoblash mashinalari, majmualari, tizimlari va tarmoqlarini loyixalash, avtomatlashtirilgan axborotni qayta ishlash va boshqarish tizimlarini yaratish, avtomatlashtirilgan loyihalash tizimlarini boshqarish, kompyuter uskunalari va avtomatlashtirilgan tizimlarning dasturlarini (qurilma -dasturlar, dasturiy ta'minot tizimlari) bilish va ishlab chiqish, ushbu tizimlarni matematik, axborot, texnik, ergonomik, 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 nazariy bilim va amaliy ko'nikmalarga ega bo'ladi / Tools and methods aimed at creating and using computers, automated systems and networks, information processing and management systems, automated design systems, computer programs for students majoring in computer engineering ("Computer Engineering") and to provide knowledge based in the field of science and technology, including a set of methods. In the field of computer engineering, students design computers, complexes, systems and networks, create automated information processing and management systems, control automated design systems, knowledge and development of computer equipment and programs of automated systems (programs, software systems), study and apply mathematical, informational, technical, ergonomic, organizational and legal support methods, research design methods study of procedures and rules of work, computer and communication equipment, application of methods of analysis, synthesis and optimization of programming processes and product certification, application of mathematical models on information processing processes in software development, development of algorithms and mathematical software in software creation, software and will have theoretical knowledge and practical skills such as hardware-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	O'zbekiston tarixi / The History of Uzbekistan	92	60.00 / 65.00
2	Milliy g'oya. O'zbekistonni rivojlantirish strategiyasi / The national idea. Development strategy of Uzbekistan	60	40.00 / 67.00
3	Dinshunoslik / Religion study	60	35.00 / 59.00
4	Falsafa / Philosophy	120	74.00 / 62.00
5	Iqtisodiyot nazariyasi / Economic theory	60	42.00 / 70.00
6	Fuqarolik jamiyati / Civil society	92	78.00 / 85.00
7	Pedagogika. Psixologiya / Pedagogy. Psychology	92	81.00 / 88.00
8	Rus tili / Russian language	124	79.00 / 64.00
9	Xorijiy til / Foreign language	300	211.00 / 70.17
10	Jismoniy madaniyat / Physical culture	120	83.00 / 69.50
11	Matematika. Ehtimollar nazariyasi va matematik statistika / Mathematics. Probability theory and mathematical statistics	422	302.00 / 71.53
12	Fizika / Physics	346	218.00 / 63.00
13	C++da dasturlash / Programming in C++	456	303.00 / 66.38
14	Diskret matematika / Discrete mathematics	92	65.00 / 71.00
15	Sonli usullar va dasturlash, modellashtirish / Numerical methods and programming, modeling	278	175.00 / 63.11
16	Ekologiya. Xayot faoliyati xavfsizligi / Ecology. Life safety	150	98.00 / 65.40
17	Metrologiya, standartlashtirish va sertifikatlash / Metrology, standardization and certification	92	71.00 / 77.00
18	Raqamli sxemotexnika / Digital circuitry	150	90.00 / 60.00
19	Ma'lumotlar tuzilmasi / Data Structure	90	54.00 / 60.00
20	Amaliy dasturiy paketlar / Application software packages	190	137.00 / 72.00
21	Axborot xavfsizligi / Information security	129	93.00 / 72.00
22	Elektron hukumat / E-government	102	63.00 / 62.00
23	Dasturlash injiniringi / Programming engineering	102	58.00 / 57.00
24	Tizimli dasturlash / System programming	130	87.00 / 67.00
25	Operatsion tizimlar / Operating systems	130	95.00 / 73.00
26	Kompyuter arxitekturasini / Computer architecture	270	177.00 / 65.50
27	Multimedia injiniringi / Multimedia engineering	188	105.00 / 56.00
28	Ma'lumotlar bazasi / Database	270	173.00 / 64.00
29	Kompyuter tarmoqlari / Computer networks	171	113.00 / 66.00
30	Ma'lumotlar bazasi xavfsizligi / Database security	112	84.00 / 75.00
31	Web-ilovalarni yaratish / Creating web applications	270	193.00 / 71.50
32	Biznes tizimlari tahlili va loyihalash / Business systems analysis and design	152	116.00 / 76.00
33	Sun'iy intellekt / Artificial intelligence	114	70.00 / 61.00
34	Nutqni tanish algoritmlari / Speech recognition algorithms	148	112.00 / 76.00
35	Bioinformatika va biomexanika / Bioinformatics and biomechanics	120	86.00 / 72.00
36	Taqsimlangan algoritmlar va tizimlar / Distributed algorithms and systems	90	69.00 / 77.00
37	Kompyuterli modellashtirish / Computer modeling	120	66.00 / 55.00
38	Signallarga raqamli ishlov berish / Digital signal processing	170	122.00 / 72.00
39	Real vaqt tizimlari / Real time systems	120	94.00 / 78.00
40	O'rnatilgan tizimlar / Built-in systems	208	156.00 / 75.00
41	Elektronika / Electronics	120	88.00 / 73.00
42	Parallel kompyuterlarning arxitekturasini va dasturlash / Architecture and programming of parallel computers	180	117.00 / 65.00
43	Amaliy xorijiy til / Practical foreign language	92	60.00 / 65.67
44	Geoaxborot tizimlari / Geoinformation systems	150	113.00 / 75.00
45	Mobil tizimlar / Mobile systems	150	92.00 / 61.00
46	Kreativ loyihalash / Creative design	150	86.00 / 57.00
	JAMI / TOTAL	7344	4984.00 / 68.19
	Kurs ishlari / Course papers		
1	Ma'lumotlar bazasi (kurs ishi) / Database (Coursework)		63.00 / 63.00
2	Web-ilovalarni yaratish (kurs ishi) / Creating web applications (Coursework)		63.00 / 63.00

3	O'rnatilgan tizimlar (kurs ishi) / Built-in systems (Coursework)		75.00 / 75.00
4	Parallel kompyuterlarning arxitekturasi va dasturlash (kurs ishi) / Architecture and programming of parallel computers (Coursework)		59.00 / 59.00
	Malakaviy amaliyot / Qualification practice		
1	O'quv tanishuv amaliyoti / Educational dating practice	108	72.00 / 67.00
2	O'quv amaliyoti / Educational practice	216	130.00 / 60.00
3	Ishlab chiqarish amaliyoti / Production practice	216	162.00 / 75.00
4	BMI oldi amaliyoti / Graduation qualification internship	378	268.00 / 71.00
	Yakuniy davlat attestatsiyalari / Final state attestation		
1	O'zbekiston tarixi (DAK) / The History of Uzbekistan	100	74.00 / 74.00
2	Xorijiy til (DAK) / Foreign language	100	74.00 / 74.00
	Bitiruv malakaviy ishi (magistrlik dissertatsiyasi) / Graduation qualification work (master's dissertation)		
1	Bitiruv malakaviy ishi / Graduation qualification work: Tibbiy tasvirlar asosida oshqozon yarasini haqiqiy o'lchamlarini anqilash dasturini ishlab chiqish / Development of a program to determine the true size of the ulcer on the basis of medical images	270	216.00 / 80.00

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 2009 yil 11 iyundagi 204-sonli buyrug'i bilan tasdiqlangan (Adliya vazirligi tomonidan 2009-yil 10-iyulda 1981-raqam bilan ro'yxatdan o'tkazilgan) "Oliy ta'lim muassasalarida talabalar bilimini nazorat qilish va baholashning reyting tizimi to'g'risida Nizom"ga asosan talabalar bilimini baholash amalga oshiriladi. / According to the "Regulations on the rating 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 June 11, 2009 No 204 (Registered by the Ministry of Justice on July 10, 2009 No 1981) assessment of student knowledge is carried out.

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

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

2017 yil 29 martdagi OT № 000093 seriyali Muhammad al-Xorazmiy nomidagi Toshkent axborot texnologiyalari universitetining davlat akkreditatsiyasi haqidagi guvohnomasi / Certificate of state accreditation of Tashkent University of Information Technologies named after Muhammad al-Khwarizmi, series OT № 000093, March 29, 2017

IMZO VA MUHR / SIGNATURE AND SEAL

Rektor/Rector

B.MAXKAMOV

Diplomga ilova/Diploma supplement
B00105511

Ro'yxat raqami/Registration number
1882 U

Berilgan vaqti/Date of issue
05.07.2021