

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

1.1 Familiyasi/Surname  
**ISAKJONOV /  
ISAKJONOV**

1.2 Ismi, otasining ismi/Name, other name  
**IXTIYOR IKROMJON O'G'LI  
/ IKHTIYOR**

1.3 Tug'ilgan sana/Date of birth  
**18.10.1998**

1.4 Talabaning identifikatsion raqami va  
kodi/Student's identification number and code  
**380181100565**

1.5 Avvalgi ta'lim haqida hujjat/Previous education document  
**2014-2017, Mingbuloq Agrosanoat KHK, K № 4535338 /  
2014-2017, Mingbulac of agroindustrial professional college, K  
№ 4535338**

**B00234565**

**2. MALAKASI HAQIDA MA'LUMOTLAR / QUALIFICATION**

2.1 Malakasining (darajasining) nomi, berilgan sanasi/Qualification, date of issue  
**Bakalavr, 27.06.2022 / Bachelor, 27.06.2022**

Davlat attestatsiya komissiyasining qarori/Decision of the State Attestation  
Commission

**27.06.2022**

2.2 Ta'lim yo'nalishi, mutaxassisligi/Field of study, specialization  
**5330300 - Axborot xavfsizligi (sohalar bo'yicha) /  
5330300 - Information Security (by sectors)**

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

100084, Toshkent shahri, Amir Temur  
ko'chasi 108A e-mail: tuit@tuit.uz

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

100084, 108A, Amir Temur street,  
Tashkent, Uzbekistan e-mail: tuit@tuit.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(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

5330300 - Axborot xavfsizligi (sohalar bo'yicha) bakalavriatura ta'lim yo'nalishi fan va texnika, ishlab chiqarish va xizmat ko'rsatish sohasidagi yo'nalish bo'lib, u axborotni himoyalash sohasida tahdidlar mavjud bo'lgan sharoitlarda axborotlashtirish obyektlarini himoyalanganligini ta'minlash usullari, vositalari va texnologiyalarini yaratish, ishlab chiqarish va samarali joriy etish bilan bog'liq kompleks masalalar majmuasini qamrab oladi. Yuqorida keltirilgan kasbiy faoliyat sohalarining axborot kommunikatsiya tizimlari, axborot resurslari va axborot texnologiyalarida axborot xavfsizligini ta'minlash texnologiyalari va axborot himoyalanayotgan tizimi, axborot xavfsizligini boshqarish obyektlarda, tadqiqot mavzusi bo'yicha xalqaro va milliy tajriba hamda ilmiy- texnik axborotni to'plash va o'rganish, axborot xavfsizligini tashkiliy - huquqiy ta'minotini amalga oshirish, axborot kommunikatsiya tizimlarida texnik vositalar, qurilmalar bilan ishlash va axborotni to'plash, qayta ishlash va uzatish jarayonlarida axborotni himoyalash choralarini joriy etish kabi kasbiy faoliyati turlari bilan shug'ullanadi. / 5330300 - Information security in Bachelor`s degree covers specialization in science and technology, manufacture and services, the development of methods, means, and technologies to ensure the protection of information objects in situations where there are threats in the field of information security, a set of complex issues related to production and effective implementation Areas of professional direction is given above to deal with types of professional activity such as information and communication systems, information resources and information security technologies in information technologies and information security systems, collection and study of international and national experience and scientific and technical information on the subject of research at security management facilities, implementation of organizational-legal support of information security, the introduction of technical protection measures in information and communication systems, work with technical means and devices and information protection in the process of information collection, processing and transmission.

# ISAKJONOV IXTIYOR IKROMJON O'G'LI / ISAKJONOV IKHTIYOR

Talabani F.I.Sh./Student full name

## 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	Algoritmlarni loyihalash / Design of algorithms	180	141 / 79 / 6 / 4
2	Axborot xavfsizligi xavflarni boshqarishga kirish / Introduction to Information Security Risk Management	180	137 / 76 / 6 / 4
3	Boshqaruv tamoyillari / Principles of management	180	122 / 68 / 6 / 3
4	Dasturiy vositalar xavfsizligi / Software security	180	153 / 85 / 6 / 4
5	Dasturlash 1 / Programming 1	240	154 / 64 / 8 / 3
6	Dasturlash 2 / Programming 2	240	194 / 81 / 8 / 4
7	Dinshunoslik / Religious studies	120	86 / 72 / 4 / 4
8	Ekologiya / Ecology	120	86 / 72 / 4 / 4
9	Elektronika va sxemalar 1 / Electronics and circuits 1	180	113 / 63 / 6 / 3
10	Elektronika va sxemalar 2 / Electronics and circuits 2	180	132 / 74 / 6 / 4
11	Fizika 1 / Physics 1	120	80 / 67 / 4 / 3
12	Fizika 2 / Physics 2	120	90 / 75 / 4 / 4
13	Hayot faoliyati xavfsizligi / Life safety	120	78 / 65 / 4 / 3
14	Individual loyiha 1 / Individual project 1	60	50 / 83 / 2 / 4
15	Individual loyiha 2 / Individual project 2	60	40 / 66 / 2 / 3
16	Jismoniy tarbiya / Physical Culture	60	37 / 62 / 2 / 3
17	Kiber-huquq va kiber-etika / Cyberlaw and cyber ethics	180	133 / 74 / 6 / 4
18	Kiberxavfsizlik asoslari / Basics of cybersecurity	180	140 / 78 / 6 / 4
19	Kiberxavfsizlik siyosati / Policy of cybersecurity	180	135 / 75 / 6 / 4
20	Kompyuterni tashkil etilishi / Computer organization	180	149 / 83 / 6 / 4
21	Kompyuter tarmoqlari / Computer networks	180	151 / 84 / 6 / 4
22	Kriptografiya 1 / Cryptography 1	180	131 / 73 / 6 / 4
23	Kriptografiya 2 / Cryptography 2	180	112 / 62 / 6 / 3
24	Ma'lumotlar bazasi / Database	180	148 / 82 / 6 / 4
25	Ma'lumotlar tuzilmasi va algoritmlar / Data structure and algorithms	180	127 / 71 / 6 / 4
26	Mashinali o'qitishga kirish / Introduction to machine learning	180	113 / 63 / 6 / 3
27	Matematika 1 / Mathematics 1	240	151 / 63 / 8 / 3
28	Matematika 2 / Mathematics 2	240	195 / 81 / 8 / 4
29	Metrologiya, standartlashtirish va sertifikatlash / Metrology, standardization and certification	120	91 / 76 / 4 / 4
30	Mutaxassislikka kirish / Introduction to the specialty	60	60 / 100 / 2 / 5
31	Ochiq kodli operatsion tizim xavfsizligi / Open source operating system security	180	136 / 76 / 6 / 4
32	Operatsion tizimlar / Operating systems	180	146 / 81 / 6 / 4
33	Pedagogika. Psixologiya / Pedagogy. Psychology	120	108 / 90 / 4 / 5
34	Rus tili 1 / Russian language 1	30	25 / 82 / 1 / 4
35	Rus tili 2 / Russian language 2	30	26 / 87 / 1 / 4
36	Sonli usullar va chiziqli dasturlash / Numerical methods and linear programming	180	146 / 81 / 6 / 4
37	Stegonografiya algoritmlari / Stegonography algorithms	180	158 / 88 / 6 / 4
38	Tahdid razvedkasi texnologiyasi / Threat intelligence technology	180	151 / 84 / 6 / 4
39	Tarmoq xavfsizligi / Network security	180	158 / 88 / 6 / 4
40	Web dasturlashga kirish / Introduction to web programming	180	155 / 86 / 6 / 4
41	Xavfsiz aloqa protokollari / Secure communication protocols	180	151 / 84 / 6 / 4
42	Xorijiy til 1 (ingliz) / Foreign language 1 (english)	60	43 / 71 / 2 / 4
43	Xorijiy til 2 (ingliz) / Foreign language 2 (english)	60	49 / 82 / 2 / 4
44	Xorijiy til 3 (ingliz) / Foreign language 3 (english)	60	38 / 64 / 2 / 3
45	Xorijiy til 4 (ingliz) / Foreign language 4 (english)	60	53 / 88 / 2 / 4
46	Bitiruv malakaviy ishi / Graduation qualification work	540	367 / 68 / 18 / 3
	<b>JAMI / TOTAL</b>	<b>7200</b>	<b>5439 / 76.4 / 240 / 3.78 (76)</b>
	<b>Malakaviy amaliyot / Qualification practice</b>		
1	Bitiruv ishi oldi amaliyoti / Pre-graduation work practice	108	93 / 86 / 0 / 4
2	Ishlab chiqarish amaliyoti / Practical Training	216	138 / 64 / 0 / 3

3	O'quv amaliyoti / Educational Practice	216	194 / 90 / 0 / 5
	<b>Bitiruv malakaviy ishi (magistrlik dissertatsiyasi) / Graduation qualification work (master's dissertation)</b>		
1	Bitiruv malakaviy ishi (mavzu) / Graduation qualification work (theme): Bank kartalarida tranzaksiyalar xavfsizligini ta'minlash algoritmini ishlab chiqish / Development of an algorithm for ensuring the security of transactions in bank cards	540	367 / 68 / 0 / 3
2	O'rtacha ball / GPA (Grade Point Average)		3.73

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

Quyidagi kredit baholash tizimi qo'llanilgan: "a'lo" (90-100 b.), "yaxshi" (70-89.9 b.), "qoniqarli" (60-69.9 b.), "qoniqarsiz" (0-59.9 b.). / The following credit grading system is used: "excellent" (90-100 p.), "good" (70-89.9 p.), "satisfactory" (60-69.9 p.), "unsatisfactory" (0-59.9 p.).

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 inspeksiyasi tomonidan 2017 yil 29 martda berilgan va OT №000093 raqam bilan qayd etilgan Davlat akkreditatsiyasi to'g'risidagi sertifikat / Certificate of state accreditation issued by the State Inspectorate for supervision of quality in education under the Cabinet of Ministers of the Republic of Uzbekistan on March 29, 2017 and registered under the number OT №000093

### IMZO VA MUHR / SIGNATURE AND SEAL

Rektor/Rector

**B.SH.MAXKAMOV**

Diplomga ilova/Diploma supplement  
**B00234565**

Ro'yxat raqami/Registration number  
**4492**

Berilgan vaqti/Date of issue  
**18.07.2022**