

# Sagindyk URAZAYEV

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## EDUCATION

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- CURRENT Undergraduate Degree in COMPUTER SCIENCE at **University of Kansas**, Lawrence, KS
- MAY 2018 International Baccalaureate Diploma Programme at **Quantum College**, Yerevan  
2 years Thesis — “RSA: Encrypting, Decrypting, Hacking” | Advisor: Smbat Shahinyan  
FINAL IB SCORE: 37/45 | [Detailed List of Exams](#)
- MAY 2016 High school at **Nazarbayev Intellectual School** with Physics and  
4 years Mathematics concentration, Astana.  
Cambridge methodology on critical thinking introduced in all aspects of academic program.

## VOLUNTEER EXPERIENCE

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- SPRING 2018 | ORIENTATION LEADER FOR PRE-IB STUDENTS, *Quantum College*  
Planned several meetings with a group of pre-IB students (10th grade) to help them prepare for IBDP (International Baccalaureate Diploma Programme). Advised them on books and helpful outside sources that can be used during studies. Introduced students to faculty staff and academic honesty rules.
- DEC 2016–2017 | VOLUNTEER AT CHRISTMAS CHARITY BAZAAR, *Diplomatic Corps (CD)*  
Helped to collect funds for Armenian Orphan Children Charity Organization by advertising and selling national Kazakh souvenirs. Introduced people of different nationalities to Kazakh culture and cuisine.
- NOV 2016 — APR 2018 | HEAD OF BOOKCROSSING CLUB, *Quantum College*  
Founded the Book Crossing Club to encourage students read and share interesting books of all genres and themes. Responsible for tracking and maintaining a database (SQLite) of all available books. Initiated student discussions about the book that they have read.
- OCT 2016 — APR 2018 | TUTOR IN PHOTOSHOP CLUB, *Quantum College*  
Founded the first student supported club — Photoshop club. Trained enrolled students on how to use Adobe Photoshop and explained basic image manipulation algorithms. Guided on job and freelance opportunities. Designed several advertising and marketing materials for Quantum College (Event flairs, posters, CD covers).

## HONORS AND AWARDS

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- AUG. 2018 Honors Scholar at University of Kansas
- AUG. 2018 KU International Excellence Award (Full tuition waiver)
- JULY 2018 International Baccalaureate (IB) Diploma (Final Score 37/45)
- MAY 2017 Winner of the II and III place in high school Computer Science competition “Surprise me”, Nazarbayev Intellectual School
- SEPT. 2012 Scholarship from the Ministry of Education and Science of Kazakhstan to study at Nazarbayev Intellectual School (Full tuition and food waiver)

## LANGUAGES

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- KAZAKH: Native
- ENGLISH: Fluent
- RUSSIAN: Fluent
- FRENCH: Basic Knowledge (A2)

## COMPUTER SKILLS

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- Basic Knowledge: html, bash, Perl, golang (Go), Java, C++, Microsoft Access
- Intermediate Knowledge: C, Python, git (Version Control System), LINUX,  $\text{\LaTeX}$ , MySQL, Docker (Service Deployment, Containerization), ubuntu, Microsoft Word, Microsoft PowerPoint, Microsoft Excel, PostgreSQL, markdown, Org-Mode, emacs, Adobe Photoshop

## INTERESTS AND ACTIVITIES

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Open-Source, Data Science, Science Fiction, System Automation  
Travelling, Learning new languages

## PROFESSIONAL REFERENCES

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**Mohamed El-Hodiri** (Mentor, Honors Advisor)  
Professor of Economics, CREEES, Middle-Eastern Studies, and AAAS  
University of Kansas, Lawrence, Kansas  
[melhodiri@ku.edu](mailto:melhodiri@ku.edu)

**Mr. Arsen Darbasyan** (Professor for IB CS courses, project supervisor)  
Professor of Computer Science and Head of Computer Science Department  
Quantum College, Yerevan, Armenia  
[arsentd@yahoo.com](mailto:arsentd@yahoo.com)

**Ms. Kristine Tonoyan** (Professor for IB English courses)  
English Specialist at International Baccalaureate Organization  
Quantum College, Yerevan, Armenia  
[chrtonoyan@gmail.com](mailto:chrtonoyan@gmail.com)

**Ms. Yerken Shantayev** (High School Computer Science advisor)  
Teacher of Computer Science at Nazarbayev Intellectual School  
of Physics and Mathematics in Astana, Kazakhstan  
[yshantayev@gmail.com](mailto:yshantayev@gmail.com)

# International Baccalaureate at QUANTUM COLLEGE, Yerevan

## Grades (Out of 7)

EXAM	LEVEL*	GRADE
English Language and Literature	HL	5
Mathematics	HL	6
Physics	HL	5
Computer Science	SL	7
Information Technology in a Global Society (ITGS)	SL	7
French ab Initio	SL	5
Theory of Knowledge	N/A	C
Extended Essay (Mathematics)	N/A	A
TOTAL		37/45

\*HL – High Level, SL – Standard Level