

# Alim Kassymov



NOTALIM



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## EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE, MINOR IN MUSIC TECHNOLOGY

STEVENS INSTITUTE OF TECHNOLOGY

EXPECTED GRAD. 2024

- Edwin A. Scholarship | JP Morgan Chase Grant
- **Computer Science Coursework:** Data Structures, Algorithms, Computer Architecture & Organization, Systems Programming, Principles of Programming Languages, Discrete Structures, Database Management Systems, Web Programming, Software Development Process, Human-Computer Interaction
- **Math Coursework:** Intermediate Statistics, Linear Algebra, Differential Equations, Discrete Mathematics for Logic and Cryptography, Integral Calculus, Multivariable Calculus

## SKILLS

- **Languages:** JavaScript, Python, C++, HTML, CSS, C, Java, R / RStudio, Bash, gdb, SQL, C#
- **Technologies/Tools:** Linux, Git, Node.js, React, three.js, MongoDB, Tailwind, pandas, NumPy, JUnit, LaTeX, Markdown, Arc, Notion, Figma
- **Music:** Pro Tools, Logic Pro X, Waves Central, MainStage

## WORK EXPERIENCE

STEVENS INSTITUTE OF TECHNOLOGY - INTERMEDIATE STATISTICS COURSE ASSISTANT      CURRENT

- Provide personalized support to students in statistics concepts and RStudio functions, resulting in improved exam scores and overall course success
- Organize comprehensive study notes using Markdown & LaTeX, which have been adopted by the course instructor as an official resource for future students
- Conduct exam review sessions to reinforce key concepts and prepare students for assessments

SKILLMATRIX ALMATY - INDIVIDUAL / GROUP TUTOR

MAY 2022 - SEPT 2022

- Delivered SAT English and Pre-Calculus Mathematics lessons to high school students, resulting in significant improvement in their grades and overall academic performance
- Collaborated with students' parents and provided regular progress reports to ensure their continued support and involvement in their children's education

SKILLMATRIX ALMATY - SUPERVISOR / COUNSELOR

MAY 2022 - SEPT 2022

- Mentored high school students in crafting compelling motivational essays for their college applications, resulting in successful admissions to top American universities
- Conducted workshops on the college application process and provided guidance to international students on navigating the admissions process and adjusting to American university life

## PROJECTS

WEB DEVELOPMENT - HTML / CSS (SASS) + JAVASCRIPT

MAY 2022 - PRESENT

- Designed and developed a responsive banking web application using React, Node.js, and Tailwind CSS, which received positive feedback from users for its user-friendly interface and functionality
- Built a portfolio website template using Figma, HTML, and SASS, showcasing my skills in web design and front-end development
- Currently working on a personal website design using Three.js library, demonstrating my passion for learning and staying up-to-date with the latest web development trends

ARM CPU SIMULATION - LOGISIM EVOLUTION

NOVEMBER 2022

- Built a fully working ARM CPU in Logisim Evolution that supports several basic instructions
- Developed Python scripts to generate instruction memory and data memory images
- Designed additional features, such as running instruction LEDs and 32 instruction registers

## LANGUAGES

Fluent in English, Russian and Kazakh. Basic knowledge in Czech & Spanish.