






Alim Kassymov

 github.com/notalim  notalim.com  linkedin.com/in/notalim  notalimka@gmail.com  (929)-505-4338

EDUCATION

Stevens Institute of Technology

Graduated May 2024

Bachelor of Science in Computer Science, Minor in Music Technology

Cumulative GPA: 3.6, Dean's List

Relevant Coursework: Data Structures, Algorithms, Web Programming I & II, Computer Architecture, Database Management Systems, Linear Algebra, Data Mining, Principles of Programming Languages, Concurrent Programming, Agile Software Development, Software Development Process.

SKILLS

Programming Languages: JavaScript, Python, Typescript, Java, SwiftUI, C++, C#, OCaml, R

Web Development: React, Node.js, Express, Next.js, Apollo GraphQL, HTML/ CSS, jQuery, Bootstrap

Tools and Technologies: Firebase, AWS, MongoDB, Docker, Git, bash/zsh scripting, Figma, Kubernetes

Data Analysis: R, SQL (PostgreSQL, MySQL), pandas, numpy, PowerBI

EXPERIENCE

PineMelon, Data Engineering Intern | *Denver, CO*

Summer 2023

- Developed an Instagram Data Scraper with Python and Selenium, capturing key metrics and analyzing over 7,000 posts to derive trends and insights for market strategy development.
- Utilized Python and GeoJSON to develop interactive neighborhood maps of Denver, integrating data from over 50 socio-economic indicators and grocery store locations to assist in market segmentation and targeting.
- Automated the collection and analysis process, reducing the data processing time by 40% and enabling the team to make timely, data-driven decisions.

Web Programming Teaching Assistant | *Stevens Institute of Technology*

Current

- Developed and refined a series of challenging homework problems that align with course objectives and enhance student understanding of web programming concepts.
- Conducted weekly office hours, providing personalized assistance to an average of 20 students per session, leading to noticeable improvements in student performance.

Intermediate Statistics Course Assistant | *Stevens Institute of Technology*

Current

- Provided targeted support to over 60 students, enhancing understanding of statistical concepts and RStudio functionalities, which resulted in a 25% improvement in average exam scores.
- Curated and compiled comprehensive study notes in Markdown and LaTeX, officially adopted by the course instructor as supplementary course material, benefiting 100+ students.

PROJECTS

DAIA: Diabetes Alert & Insulin Assistant | *React, Node.js, Express, MongoDB*

March 2024

- Developed a real-time monitoring system interfacing with the Dexcom API to track and display blood sugar levels every 5 minutes with 98% uptime, improving patient management and response times.
- Engineered a full-stack application with React for the frontend, ensuring a responsive and accessible user interface, and Node.js/Express for the backend to handle API integration and user data processing.
- Designed a Twilio emergency alert system that notifies designated contacts based on user-specific thresholds, enhancing safety for diabetes patients.

Swoons: A Dating Platform | *React, Express, MongoDB, AWS, Firebase*

December 2023

- Led a team of developers in creating a dynamic web application for sharing and exploring unique date ideas.
- Implemented a user-friendly interface using React and Tailwind CSS, enhancing the user experience.
- Integrated MongoDB and Firebase for robust data storage and AWS for scalable cloud infrastructure.

Snoops: A Dog Adoption Platform | *JavaScript, Express, Handlebars, Node.js, MongoDB, JQuery*

May 2023

- Engineered the frontend using Handlebars and JQuery, implementing a streamlined, user-friendly interface for both adopters and adoption centers.
- Designed and deployed the backend architecture with Node.js and Express, ensuring scalable and maintainable code.
- Integrated MongoDB to efficiently manage and query complex datasets of dog listings and user accounts.