MUKHTAR KUSSAIYNBEKOV

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EDUCATION

Georgia Institute of Technology ↗   Atlanta, GA
Exchange student in the College of Computing, CGPA: 4.0/4.0   *Aug 2021 - May 2022*

Korea Advanced Institute of Science and Technology (KAIST) ↗   Daejeon, South Korea
Bachelor of Science in Computer Science, CGPA: 3.68/4.3   *Aug 2018 - Feb 2023 (Expected)*

- Relevant Coursework: Blockchain and Cryptocurrencies, High Performance Computing, Information Security, Database Systems, System Programming, Data Structures, Algorithms, Programming Principles, Linear Algebra

EXPERIENCE

Glassdome Inc. ↗   Daejeon, South Korea
Software Engineer Intern   *June 2021 - Aug 2021*

- Worked as a full-stack developer in a team of three to deliver a real-time decision-making data platform for manufacturers by providing interface to access data about Programmable Logic Controllers (PLCs) and Gateways
- Refactored Minimum Viable Product into a production-ready application by making codebase maintainable, extensible and readable. Reimplemented backend API using **Golang** and **PostgreSQL**, and integrated it with frontend using **TypeScript** and **React**

Smoothy Inc. ↗   Seoul, South Korea
Software Engineer Intern   *July 2020 - Aug 2020*

- Learned **Swift** programming language and **Metal** framework and used them to speed up computations involved in rendering Facial Mask on a user's face using face detection library Face++, thereby providing smoother experience to **millions** of users using Smoothy iOS application

PROJECTS

KAIST Bus and Operating Hours ↗   *Jan 2021 - Mar 2021*
https://github.com/mukhtarkussaiynbekov/KAIST-Bus-And-OH.git

- Tech Stack: **JavaScript, React Native, Redux, Firebase, AsyncStorage**
- Built cross-platform mobile application by learning React Native to show business hours of KAIST facilities
- Began with the goal of easing people's lives at KAIST, I drove the project to completion and published it to Apple App Store and Google Play Market, amounting to over **100 downloads**

FinHealth ↗   *Feb 2021 - June 2021*
https://github.com/mukhtarkussaiynbekov/FinHealth.git

- Tech Stack: **JavaScript, React, Material-UI**
- Worked on the frontend by designing page layout and handling user interaction on the web application
- After struggling with remembering sources of income and expenses, I expressed the problem to a friend. As a result, worked in collaboration to develop a working solution which we deployed to **Netlify** for free use

ACTIVITIES

Teaching Assistant ↗   *Aug 2021 - Dec 2021*

- Course: CS300 Introduction to Algorithms
- Participated in making exam problems, helped students with topics, graded exams

HONORS AND AWARDS

Full KAIST Scholarship Holder: Receive full tuition coverage and a monthly stipend

KAIST Global Leadership Award 2021: Was one of two students to receive an award for displaying Caring, one of the core values of KAIST, through volunteering activities

Best Tutor Award Spring 2020: Was among 3 out of 147 tutors to receive the award for proactive participation in the Tutoring Program

Diamond Leadership Grade Holder: Achieved the highest leadership grade awarded to KAIST students recognizing diverse and high impact leadership activities