

# MUKHTAR KUSSAIYNBEKOV

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## EDUCATION

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### Georgia Institute of Technology [↗](#)

Exchange student in the College of Computing, CGPA: 4.0/4.0

Atlanta, GA

Aug 2021 - May 2022

### Korea Advanced Institute of Science and Technology (KAIST) [↗](#)

Bachelor of Science in Computer Science, CGPA: 3.68/4.3

Daejeon, South Korea

Aug 2018 - Feb 2023 (Expected)

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

## EXPERIENCE

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### Glassdome Inc. [↗](#)

Software Engineer Intern

Daejeon, South Korea

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. [↗](#)

Software Engineer Intern

Seoul, South Korea

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

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### KAIST Bus and Operating Hours [↗](#)

<https://github.com/mukhtarkussaiynbekov/KAIST-Bus-And-OH.git>

Jan 2021 - Mar 2021

- 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 [↗](#)

<https://github.com/mukhtarkussaiynbekov/FinHealth.git>

Feb 2021 - June 2021

- 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

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### Teaching Assistant [↗](#)

• Course: CS300 Introduction to Algorithms

• Participated in making exam problems, helped students with topics, graded exams

Aug 2021 - Dec 2021

## HONORS AND AWARDS

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

**KAIST Global Leadership Award 2021:** Was one of the two students to receive the 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