

# MUKHTAR KUSSAIYNBEKOV

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## EDUCATION

### [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: Database & Big Data Systems, System Programming, Algorithms, Data Structures, Human-Computer Interaction, Programming Principles, Linear Algebra

## EXPERIENCE

### [Glassdome Inc.](#)

*Software Engineer Intern*

Daejeon, South Korea

*June 2021 - Aug 2021*

- Working as a full-stack developer in a team of three to deliver a software product
- Refactoring Minimum Viable Product into a production-ready application by making codebase maintainable, extensible and readable. Reimplementing backend API using **Golang** and **PostgreSQL**, and integrating 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

## 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

### [Multivariable Calculus Tutor](#)

*Mar 2020 - June 2020*

- With the motivation of teaching complex concepts, conducted remote tutoring sessions for two tutees every week where we discussed class materials and practiced by solving problems
- Both tutees successfully passed the course by accumulating 50 hours of tutoring for the semester

## HONORS AND AWARDS

**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