

MUKHTAR KUSSAIYNBEKOV

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EDUCATION

Georgia Institute of Technology (GT)

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 and Algorithms, Programming Principles

EXPERIENCE

KAIST

Remote

Teaching Assistant

Aug 2021 - Dec 2021

- Participated in making and grading exam problems for the course "Introduction to Algorithms"

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
- Amounted to over **100 downloads** in Apple App Store and Google Play Market

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
- Worked in collaboration to develop an application that helps to track income and expenses which was published to **Netlify** for free use

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

ACTIVITIES AND INTERESTS

GT Korean Undergraduate Student Association (GT KUSA), Ballroom Dance Club at GT, KAIST International Students Association (KISA)