

Beomsu Kim

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A passionate computer engineering student seek a job at an IT company in California

SUMMARY OF QUALIFICATIONS

- 5 years of experience in C, C++, C#, Java, and Assembly Language (ARM CortexM4)
- Comfortable in programming environments including Matlab and Powershell
- Capable of working in app development using flutter and javascript

EDUCATION

Santa Barbara City College, Santa Barbara, CA

Sep. 2017 - Jun. 2019

Associate of Computer Science

GPA: 3.94

University of California San Diego, San Diego, CA

Sep. 2019 - Current

BS CSE: Computer Engineering

GPA: 3.925

Expected Graduation

Jun. 2023

PROJECTS

Customizable Flash Cards App

Sep. 2022 - Dec. 2022

- Mobile application for memorizing materials supporting both the android and iOS environments
- Can change color including nightshift with built in color pickers
- Easy to use just have to import an excel file in a right format
- TTS support to reduce burdens of eyes staring at a screen and for those who have limited vision

Missing Plane Project Series

Oct. 2018 - Oct. 2018

- Detecting missing planes between two images by subtracting matrices of two images in Matlab
- Sequence of new programming knowledge such as plotting images, detecting clusters, and GUI
- Broadened my horizon of the world by solving real world problems

LCD Drivers

Mar. 2019 - Apr. 2019

- Arm Assembly assignment to print letters on the display of an LCD driver
- Helped more than 10 students to finish their assignment due to the difficulty of the assignment
- The toughest and most challenging assignment with so much trial and error
- Decided my major to be computer engineering, fascinated by the project

Spell Checker

Mar. 2019 - Apr. 2019

- Converting raw data of words into a binary tree to minimize search time
- Practiced various ordering by developing trees of inorder, preorder, levelorder
- Identified myself as a programmer by dealing with millions of words

EXPERIENCE

Internship at Susang, Busan Republic of Korea

Apr. 2022 - June.2022

- Learned how to practice machine learning on various areas
- Collaborated with team members to show projects
- Served as an interpreter for marketing products of the company

Served in Computer Emergency Response Team, Korean Marine Corps

Oct. 2020 - Apr. 2022

- Practiced skills in various environments including managing military servers for security updates
- Drilled for security breach situation including hacking mail, ransomware training
- Programmed to automate routine or repetitive works for higher efficiency