Euntae Ki

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Skills

- Fluent in Korean, English
- Applicable Tools: Arduino (Intermediate), JavaFX (Intermediate), CSS (Intermediate), FXML (Intermediate), Unity3D (Intermediate), Quartus (Beginner), Blender (Beginner), VirtualBox (Beginner)
- Programming Languages: Java (Intermediate), C/C++ (Intermediate), MySQL (Intermediate), MATLAB (Beginner), Verilog (Beginner), C# (Beginner)

Education

UNIVERSITY OF WASHINGTON **SEPT 2016 – JUNE 2020**

- B.S. in Electrical Engineering
- Cumulative GPA:3.61
- Major GPA: 3.8
- Relevant Courses: Computer Science I/II, DC/AC Circuit Theory, Digital Circuits, Signal & System, Embedded System, Low Level Programming (C/C++), Microelectric I
- In-Progress: Computer Architecture, Advanced Digital Circuit Design, Probability & Statistic

Relevant Experience

TECHNICAL STUDENT ASSISTANT | UW FINANCE SDA **JUNE 2019 - PRESENT**

- Replaced and maintained computer parts (RAMs, Computers) and equipment
- Hosted a Request Tracker (RT) server. Web Server using MySQL 5.7 and apache, Database server using MySQL 8.0 via VirtualBox to support ticketing system in 3 different departments within UW Finance

LAB ASSISTANT | GRID LAB @ UW **SEPT 2016 – JUNE 2017**

- Constructed and documented a program in Unity3D to measure space recognition for brain-injured patients
- Used Phantom Omni API to simulate real-life constraints such as pressure and viscosity
- Designed custom shapes in Blender to add variety in the program patterns

INTERN | CENTER FOR SENSORYMOTOR NEURAL ENGINEERING **JUNE 2016 – AUG 2016**

- Compared human brain current flow against theoretical values
- Displayed and manipulated the data using MATLAB
- Presented final research project to professors, grad students, and department chairs

Projects

CHATTY | PERSONAL PROJECT **JAN 2019 – PRESENT**

- Started developing an application for users to communicate with their friends
- Used Smack API on Openfire server to allow users to message others on remote networks
- Designed login page, chat list page, and friend list page using JavaFX, CSS, and FXML

DOCTOR AT YOUR FINGERTIP | CLASS PROJECT **MARCH 2019 – JUNE 2019**

- Programmed Arduino MEGA 2560 and Uno that would measure temperature, blood pressure, pulse rate, respiration rate, and EKG in C