Shuusei Yoshida

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Experience

Scriptor | User Interface Specialist

March 2019 – June 2019 | UCSD

- Utilizing CSS and JSX, designed and developed the project's frontend which was bootstrapped with Create React App.
- Worked in environment using formal software development practices such as Agile and Scrum.
- Voted as the #1 best project in the class.

Projects

Back Posture Correction Device | IEEE Quarterly Project

- Arduino-controlled device which monitors a user's back posture in relation to their calibrated ideal posture via Android app.
- Developed using Arduino, Bluetooth Low Energy, Android App Development, Inertial Measurement Unit (IMU), and DSP filters for extracting relevant data from IMUs.

Links

Github: https://github.com/s1yoshid

LinkedIn: https://www.linkedin.com/in/shuuseiyoshida/

Education

University of California, San Diego

B.S. Computer Engineering

Junior – Expected: Jun 2021

GPA: 2.798

Skills

Programming Languages

Java | JavaScript | C | C++ | MATLAB | HTML | CSS | JSX

Technology and Tools

Docker | ReactJS | NodeJS | AWS | Linux/Unix | Github | Oscilloscope | Signal Generator | Verilog | Intel Quartus Prime | ModelSim | OrCAD | Pspice | Slack

Coursework

- Intro to Digital Design
- Intro to Object Oriented Programming
- Discrete Mathematics
- Data Structures
- Object Oriented Design
- Intro to Analog Design
- Mathematics for Algorithms and Systems
- Computer Organization and Systems Programming
- Circuits and Systems
- Software Engineering
- Design and Analysis of Algorithms
- Linear Systems Fundamentals
- Components and Design Techniques for Digital Systems
- Digital Systems Lab
- Differential Equations
- Linear Algebra
- Software Tools and Techniques Lab
- Components and Circuits Lab