Cathy C. Hsieh

Recent Graduate Software Engineer

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https://cathy86224.github.io/Portfolio/

EDUCATION

2015 - 2020 — **Bachelor's Degree in Computer Science and Engineering**
University of California, Davis

RELEVANT EXPERIENCE | *Davis, CA*

Jul. 2019 | **UI / Frontend Web Developer Intern**
Facilities Energy & Engineering - UC Davis

Oct. 2020

Contributed and created new features to Campus Energy Education Dashboard (https://ceed.ucdavis.edu/) and TherMOOstat (https://thermoostat.ucdavis.edu/). And used development tools such as React(ES6)/Redux, GraphQL, and MongoDB.

PROJECTS | *Davis, CA*

Jan. 2020 — **Embedded System Projects**

Mar. 2020

Built a smart toaster that connects to WiFi and AWS IoT.
Developed several mini projects with the combination of software and hardware on the TI CC3200 LaunchPad with Adafruit parts.

Project website link: https://cchsieh2.wixsite.com/eec172/

Jan. 2019 — **Interactive Educational App for Clinical Ophthalmology**

Jul. 2019

Developed an educational iOS app. It presents condensed, high-yield content in flashcard form to optimize efficiency and performance on ophthalmology exams. This app features of spaced repetition, table of contents, search, and progress report.

Jan. 2019 — **Environmental Data Collection App for Tanzania - User Interface**

Mar. 2019

Developed an Android app by using Qt Creator. The project's purpose is to utilize phone technology by developing an user friendly app, which will be used to report any inappropriate environmental incident.

SKILLS

Software — JavaScript, React/Redux, HTML, CSS, Bitbucket, GitHub, GraphQL, Jira, C, C++, Python, MongoDB, Swift, MatLab, QML, R, Assembly

Hardware — 3D Printing, Drill Press, Laser Cutter/Engraver, Soldering

Languages — Fluent in Chinese Mandarin and Taiwanese

AWARD

Mar. 2020 — **Honorable Mention**
Embedded System Project - Smart Toaster