Cathy C. Hsieh

Recent Graduate Software Engineer

(619) 851 - 3835 📞
cchsieh@ucdavis.edu ✉
https://linkedin.com/in/cchsieh 🔗
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 - Oct. 2020

UI / Frontend Web Developer Intern
Facilities Energy & Engineering - UC Davis

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 - Mar. 2020

Embedded System Projects

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 - Jul. 2019

Interactive Educational App for Clinical Ophthalmology

Developed an educational iOS app by using XCode(Swift). 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 - Mar. 2019

Environmental Data Collection App for Tanzania - User Interface

Developed an Android app by using Qt Creator(QML). 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

Assembly, Bitbucket, C, C++, CSS/SCSS, GitHub, GraphQL, Jira, Linux, Logisim, MatLab, MongoDB, Python, QML, R, React(ES6)/Redux, Swift

Hardware

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

Languages

Fluent in Chinese Mandarin and Taiwanese