


Cathy C. Hsieh

Recent Graduate Software Engineer

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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++, C#, CSS, Eagle, 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