EMILY HERY

✉ emilyhery@gmail.com 📞 971-221-4251 💼 emilyhery.com in www.linkedin.com/in/emily-hery ⊙ github.com/Theacalix

EDUCATION

UC Davis - Davis, CA
B.S. Computer Science
B.A. Design
3.83 GPA
Summer 2020

SKILLS

Languages

● = 1 year experience

C / C++ ●●●●
Javascript ●●●
HTML / CSS ●●●
Python ●●
Java ●

Tools

AWS
Docker
GitHub
Jenkins
MongoDB
Node.js
React

Knowledge

Algorithms
Data Structures
Design Patterns
User Interaction
Unit Testing

ABOUT ME

Quick learner and solutions oriented with both technical aptitude and creative abilities, very comfortable in a team environment, able to help bridge the gap between highly technical individuals and highly creative individuals translating their perspectives from one to the other.

WORK EXPERIENCE

Full Stack Intern
Zeeto - San Diego   Jun 2019 – Jan 2020
- Worked with a team effectively as well as completed tasks independently in order to implement entire projects from design to deployment.
- Written lambdas using AWS services to capture data from webhooks.
- Redesigned existing architecture to track user data across multiple vendor services to build a complete picture of user activity.
- Used node.js to funnel data into existing MongoDB databases to improve data collection.

Web Development: Curriculum Designer
UC Davis Teaching Assistant   Mar – Jun 2020
- Created projects designed to teach web development fundamentals for an upper-division class of over 300 students.
- Modeled professional workflow by giving students front-end specs to implement.
- Encouraged student's design skills by giving feedback on student work resulting in significant visual improvement in finished projects.

Computer Science Instructor
iDTech – UC Berkeley and Stanford   Summer 2017 – 2018
- Taught C++ coding, cryptography, 3D printing and modeling, and wearable tech with Arduino to classes of 8 students.
- Facilitated students in developing and creating projects of their own design to ensure that every student completed a final project in one week.

PROJECTS

Designer & Developer: Map Maker Web App
Creativity and Cognition Conference   Feb – Jun 2019
https://theacalix.github.io/mapmaker/
- Created a front-end only web app for table-top gaming using vanilla js.
- Designed and tested multiple UI patterns to achieve optimal user experiences.
- Paper discussing project methods was published in the ACM digital library for the benefit of the HCI research community.

Branding Campaign: Heritage Farms
UC Davis Class Project   Apr – Jun 2019
https://emilyhery.com/#heritageFarmed
- Interpreted the client's company vision to create branding materials that attract their target audience to fulfill their advertising needs.
- Created complete brand proposal including logo, business materials, package design, advertisements, merchandise, and full spec book.