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Emily Zou

Aspiring UX engineer | Masters HCI @ CMU

EDUCATION

Carnegie Mellon University
Masters Human Computer Interaction
Pittsburgh, PA AUG '20 – AUG '21

University of Virginia
B.A. Computer Science and Psychology
Charlottesville, VA AUG '16 – MAY '20

Relevant Coursework

User Centered Research and Evaluation
/ Document Design / Interaction Design
/ Web Programming / Advanced Software Development / Programming UI

PROJECTS

Hack to the Future APR 2019
Directed a diversity-focused eco-friendly hackathon for 57 attendees, and raised \$4,000 in three months

Due Good FEB 2018
Rapid prototyped and coded a charity text bot to increase global disasters response using Bandwidth API and won the Future of Communication in Pearl Hacks

RevTek JUN 2019
Developed a React web app that matches companies with students, featuring a real-time contracts submissions process using Google Firebase.

EXPERIENCE

X-Mode Software Engineering Intern

JUN 2019 – AUG 2019
Reston, VA

- Designed and implemented a responsive data privacy webpage marketed to business-to-business companies using HTML, CSS, Javascript, and Wordpress
- Lead weekly interdisciplinary collaboration sessions between stakeholders, designers, and engineers to iterate upon designs and communicate progress
- Created a custom Slackbot to facilitate onboarding and branding based on contextual inquiry and analysis of workplace improvement

Astraea Inc. Web Development Intern

JUN 2018 – AUG 2018
Charlottesville, VA

- Conducted competitive analysis, user research, and surveys for the redesign of the company's main website to effectively communicate company brand
- Executed design thinking principles such as wireframing, analyzing pain points, making user models, iterative design, and evaluating prototypes
- Prototyped and implemented the website using Sketch, HTML, CSS, JavaScript, and Jekyll with respect to GitHub workflow and documentation conventions

HackCville Fullstack Web Intern

MAY 2018 – JUN 2019
Charlottesville, VA

- Participated in a 12-week intensive learning program over two summers to learn foundational skills in UI/UX and full-stack engineering with React
- Collaborated on multiple web application projects using React, Express, and Google Firebase database through GitHub
- Practiced WordPress, SEO, content writing, UI/UX, drafting proposals, and design thinking for partnering local companies and charities

SKILLS

Design

Figma
Sketch
Adobe XD
Lightroom
InDesign
InVision
Miro

Programming

HTML & CSS
Javascript
Java
Python
C++
SQL

Frameworks

React
Angular
Django
Bootstrap
Material UI
Ant Design

Tools

Git & GitHub
Firebase
AWS
NodeJS
Express
Asana