



Experience

Software Engineering Intern - MobiTV

June 2017 - September 2017

Used Node.js to create the initial version of Alexa's new Video Skill App. Self driven project under mentorship of Web Dev team. Used React.js, Redux, and Javascript to develop a web client interface to MobiTV using responsive design.

Research - Graphics and Visualization Department

June 2016 - June 2017

Research under Professor Kwan Lui Ma (ViDi group). Worked on data visualization methods and interactive graphics using D3.js, OpenGL, Processing, Python scripts and C++.

Graphic Designer - Queen Sheba Winery

January 2016 - June 2016

Design of website, wine bottle labels, brochure, business cards, T-shirts, menu (Rebranding)

UX/UI Design TA

Fall 2016

Oversaw the creation of websites using HTML and CSS. Answered questions and helped students with their assignments. (Upper Division Design Class for undergraduates in UC Davis.)

Projects

GuideCam - 1st place Google Cloud

CalHacks 2017

Braille texting app with keyboard that is voice/sound guided UI. Python script continuously takes pictures and stores in google cloud and continuously process it through google vision API. Provides audio visual

Mind Your Mind - 1st place IBM Watson

HackDavis 2017

Mental Health Analytics through Data Visualization. Alchemist API for sentimental/emotional analysis. Backend Flask and Python frameworks with IBM Watson API. Visuals with D3.js, HTML, CSS

IEEE PacificVis Research Paper - 2nd Place

January 2017

A static data visual which shows the chaos of the media on election day 2017. Used a python web scraper to obtain thousands of articles on the day of election. Pulled millions of tweets using the twitter API. Ran a sentimental analysis and made a visual story with D3.js

Personal Data Visualization

September 2016

Rendered a personalized drawing of a deer using data points collected by the Facebook and Twitters APIs. Javascript, CSS animations, Processing & Html used.

Education

University of California, Davis

B.S Computer Science

Graduating: 2019

Leadership

Woman in Computer Science - Co-Founder (2017)

Computer Science Tutoring Club - Web officer (2017)

Computer Science Club - Events Officer (2016)

Visions Global Empowerment - Events Officer (2017)

Creative Skills

Photoshop & Illustrator

UX/UI Design

Responsive/Interactive Web Design

Graphic Design

Print Design

Voice Interaction Design

Technical Skills

C++ and C#

HTML, CSS, Javascript

Processing, D3

SQL MongoDB

UNIX & Bash Scripting

React & Redux

IOS Dev

Making API's

Node.js

Alexa / Google home skills

Unity (Game Dev)

Python scripting