

Relevant School Projects

Overflow (Website)

[4/2018 – 6/2018]

Worked with a team to develop a social media website using HTML, CSS, JavaScript. Set up the project using Node.js and linting for the CI/CD pipeline using ESLint. Hosted the project using Firebase.

CoupleTones (Android Application)

[4/2016 - 6/2016]

Worked with a team to develop a mobile app using Android Studio and Firebase under Agile development practices. Created tests for the application in Java using Android Studio. Hosted the project using Firebase.

Club-me (Mobile Web Application)

[1/2016 - 3/2016]

Worked with a team to create a mobile web application in HTML, CSS and Javascript that informs students of clubs based on their interests. Utilized web scraping using BeautifulSoup4 in order to gather information from UCSD website and templating using Handlebars.js to dynamically generate page information based on scraped data.

Auralized Weather Data (Python and puredata script)

[1/2016 - 3/2016]

Designed a Python script that made requests to WeatherUnderground's API and then employed a scraping API (BeautifulSoup4) to parse and extract the appropriate data from the returned JSON to convert it into musical frequencies. Created a patch in puredata to play the weather data converted into musical frequencies.

Technical Skills

Proficient languages: C++, HTML, CSS, JavaScript, Python

Secondary languages: Java, C

Used tools: Node.js, git, Github, Firebase, UNIX, Verilog

Education

University of California, San Diego

Bachelor of Science, Computer Science and Engineering, GPA: 3.485, Graduated Fall 2018

Languages

Primary Language: English

Secondary Languages: Japanese, Chinese