

Wilhelm Willie

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Education

University of Southern California

B.S. Computer Science and Business Administration
Presidential Scholarship

Skills

Languages

JavaScript, Java, Python, C++, Ruby, HTML, CSS, SQL

Technologies

Node.js, Express, Rails, Flask, Angular, React, React Native, MongoDB, MySQL, Java EE

Activities

Code the Change - Product Manager

Currently working with a non-profit organization, Vision to Learn, to scope and build an application that simplifies their data processing workflows

Scope USC - Director of Projects

Wrote project-based React Native and Node.js curriculums and helped mentor students to use newly learned skills to build amazing projects

LavaLab - Developer

Worked with a team of 4 to ideate, design, and build the MVP for a startup/product over the course of a semester

USC ACM - Speaker

Helped teach a Node.js workshop to over 20+ USC students and participated in a tech consulting panel to interested CS students

Experience

Salesforce - Software Engineering Intern

May 2018 - Aug 2018 | San Francisco, CA

- Worked with Salesforce's Tech & Products organization to build internal web apps that centralized business processes and collected insightful employee data
- Built re-usable full-stack web components used in several web apps maintained by Salesforce's T&P organization
- Responsible for Learn++ (plusplus.co) API integration to allow external class registration data to be used within internal Salesforce tools
- Wrote several test cases and methods for our application's backends resulting in 87% code coverage
- Built and designed a full stack prototype of a centralized engagement dashboard for reporting on internal innovation

McKinsey & Company, Digital Labs - Full Stack Developer Intern

Jun 2017 - Aug 2017 | New York, NY

- Worked cross-functionally to help design, build, and scope out a brand new customer experience web application
- Developed front-end components and services for a customer experience web application using HTML5, SASS, and Angular 2
- Led initiative to refactor code base to ensure code met consistent standards and was sustainable in the long run
- Helped plan the application's backend database schema and Java Spring API to ensure long-term maintainability and scalability
- Evaluated and improved our client's existing DevOps practices by introducing Git, Jenkins, and automated testing/deployment

Projects

AuxQ | Node.js, Express, Sockets, React, MongoDB, Heroku

- Built a REST API with Node.js and front-end interface in React that allows users to create collaborative playlists that update in real-time via web sockets

Tripi | Java, MySQL, Bootstrap, Web Sockets

- Built a platform for users to create and share trip itineraries. Integrated with Google Maps API and EventBrite's API and used web sockets for a real-time home page feed

Kit | Ruby on Rails, jQuery, Bootstrap, MySQL, Heroku

- Built a Ruby on Rails MVP web app that helps beauty enthusiasts discover new products, find inspiration, and connect with brands and influencers

Tommy Bot | Node.js, MongoDB, Api.ai

- Collaborated with other students to build a Messenger chatbot with Node.js and Api.ai that helps provide campus information to USC students using basic NLP

SwipeX | React Native, Google Images API

- Built a Tinder-like mobile app that generates a deck of swipe-able cards based off a given query (ex: dogs, cars)