



I am a recent graduate of the Jack Baskin School of Engineering at The University of California, Santa Cruz, where I received a B.S. in Computer Science. I have experience developing Mobile Apps, Web Apps, and Machine Learning as well as Database management and Back End data structures. I am currently seeking employment, and my primary objective is to secure an entry level position where I can apply what I have learned, grow my skills, and add value to my employer. I am self-motivated, an excellent communicator, a team player and I have a very strong work ethic. I am confident that I would make an excellent and valuable addition to any organization.

Education

University of California,
Santa Cruz • 2015-2019 •
B.S. Computer Science • Baskin
School of Engineering • GPA: 3.2

Coursework

Natural Language Processing
SQL and Databases
Computational Models
Software Design Project I
Software Design Project II
Discrete Mathematics
Computer Architecture
Operating Systems
Analysis of Algorithms
Comparative Programming

Skills

Languages

Python • Java • C • JavaScript •
HTML • CSS • Processing • SQL •
Latex • Arduino • C# • C++

Frameworks

Django • React • React Native

Tools

XCode • Android Studios • NLTK •
Firebase • Git • Google Cloud
Platform • Micro-Controllers •
Terminal • AWS • REST APIs • JSON

Operating Systems

Linux • Mac • Windows • FreeBSD

References

Emily Slatter

Manager
831-713-9147
MRep@WoodstocksCruz.com

Professor Dena Robertson

Mentor
831-459-609
demrober@ucsc.edu

Projects

StreetLight | Mobile Application

Summer 2019 - Present

- Full Stack Developer on a React Native App in development
- Uses users' geo-location data to show them nearby things to do
- Always users to leave comments and notes at GPS coordinates for other users to read

Meme Feed | Social Media App

Winter 2019 - Present

- Full Stack Developer on React Native powered App for iOS and Android
- Allows Users to upload photos and GIFS, as well as comment, message and follow each other
- Oversaw back-end using Firebase and Firebase Storage
- Currently launched on iOS App Store and Google Play Store

Natural Language Processing Final Project | Question Answering Machine

Winter 2019

- Utilized NLTK to develop a QA Machine
- Able to answer both factoid and discourse questions
- Utilization of dependency and constituency parse trees
- Developed a discourse model to resolve pronouns and ambiguity

DataViz | Web Application

Fall 2018

- Built a Web Application utilizing Django
- Generates graphs and songs to correlate with users input data or CSV files
- Used D3 and Tone.js to play the graph back to the user

Hands Free Mouse | Eye Tracker

Summer 2019 - Present

- Prototyped a hands free mouse using an EEG chip and eye tracking software
- WebCam tracks eye movement to mimic cursor movement, while the EEG chip checks for brainwave spikes to enable clicks

Related Work Experience

Modified Supplemental Instruction Tutor | Learning Support Services at UCSC

Winter 2018 - Spring 2018

- Tutored students for an introductory computer science classes
- Created collaborative programming exercises to teach students
- Attended weekly training meetings to learn communication and teaching skills