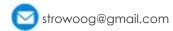
Contact









Skills

Intuitive with Software

Object-Oriented Design

Data Structures & Algorithms

Computer Complexity Theory

Full-Stack Web Development

RESTful API Experience

E-Commerce Platforms

Adobe Photoshop & Illustrator

Sony Vegas Pro Media Suite

Microsoft & Google Office Suite

Team-Orientated

Dependable

Responsible

Flexibility

Dedicated

Languages: Python, Javascript, Java, C, HTML, CSS, C#(Xamarin), Scala, Prolog, Haskell, RISC-V, MIPS

Databases: MongoDB, AWS DynamoDB, MySQL, Firebase

Front End Frameworks: React.js, Vue.js, Bootstrap, Material-UI

Back End Frameworks:

Express.js(Node.js), Flask, Django

DevOps: GitHub, Slack, Amazon Web

Services, Netlify, Heroku

Command Line: Unix, CMD

Strother Woog

Software Engineer

Education

2017-09 -Current

B.S. in Computer Science

University of California, Santa Cruz - Santa Cruz, CA

• "Honors in the Major" with a 3.50 GPA

Work History

2019-09 -2020-04

Software Engineering Intern

Infinite Options LLC, San Jose, CA

- Used Xamarin, the cross-platform development language, to write code for the Android/iOS mobile platform, web development through React.js and Python's Flask, while maintaining SQL and NoSQL databases and deployment through Amazon Web Services
- Coordinated with fellow developers to evaluate and improve software and hardware interfaces for web and mobile platforms using GitHub version control
- Provided customized admin reports displayed using Flask and Python to access, sort, and manipulate a JSON based DynamoDB database on Amazon Web Services
- Provided engineering support to Serving Now and Prep To Your Door team during the development phase of the project

Projects

Thumper Streams

 My recent project is a no sign-up streaming platform based on WebRTC technology and built using React, Node, and Socket.io in combination with the Simple-Peer library.

Prep To Your Door

 Working on a team at InfiniteOptions to help a startup create a responsive web app for full integration of subscription services and meal ordering using a React.js frontend, Flask backend, Bootstrap CSS styling, and AWS RDS database.

SubSaver Chrome Extension

 Chrome extension to help people monitor how often they use subscriptions to determine if it is worth paying for, developed with a team of friends at CruzHacks 2020.

ServingNow Meal Ordering

 Worked with a team at InfiniteOptions to help bring a gig economy-oriented web/mobile app for farmers to market using Xamarin, Flask backend, and AWS DynamoDB.

Coursework at UCSC

- Fundamental programs that display proficiency for important data structures and algorithms in Computer Science.
- **CSE 146 Ethics & Alogirhtms:** Used machine learning to calculate income inequality in the New York boroughs based on 2016 census data, results consistent with past studies.

RESTful Web Client

 A basic RESTful structured website built on Node.js and Express.js framework which simply scrapes data using Cheerio.js to store in a MongoDB database.

Sorting Mobile App

 Hybrid mobile application built on the Xamarin platform that sorts lists of user input using the insertion and merge-sort algorithms, comparing their performance.