Femi Saliu

Full Stack Software Engineer

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Skills

Strong	JavaScript • HTML • CSS • Algorithms • AngularJS • RESTful API • Node.js • Express.js • NoSQL • jQuery • Git
Experienced	C++ • Java • SQL • D3.js • Socket.io • Unity3D • Material Design • Bootstrap • Sass • Adobe Photoshop • Adobe Illustrator • Heroku • Firebase • Grunt • Gulp • TDD • Regex • AWS • Promises • BCrypt • Passport • oAuth

Projects

Fiddio
UI-Ace Editor
PostgreSQL
NodeJS & Express
AngularJS
Bootstrap

Scrum Master & Full Stack Software Engineer - *fidd.io*
An interactive way for users to answer programming questions using live recordings of their code & voice
• Used the UI-Ace Editor API to record textual changes to an editor & play them back real time
• Created & implemented intuitive user interface that makes feature set easily accessible to users
• Created an efficient way to serialize & transport user generated content to & from our database
• Created clearly-structured system architecture according to AngularJS best practices

Home Harmony
Material Design Lite
AngularJS
Firebase
Grunt

Scrum Master & Full Stack Software Engineer - *homeharmony.herokuapp.com*
An app that facilitates communication & expense management among roommates
• Proctored team meetings & code reviewed all pull requests for the project's central repository
• Designed database schema, implemented user authentication & improved app efficiency using local storage
• Wrote expense management system, house issues feature & central dashboard to displays recent house events

Park Assist
Google Maps API
Santa Monica API
AngularJS
Firebase

Full Stack Software Engineer - *parkassist.herokuapp.com*
A mobile app that recommends nearby available metered parking spots in Santa Monica
• Extended legacy code to include parking lot recommendations & interactive spot reservations
• Enhanced application styling with SASS & designed interface & icons for crime safety score feature
• Constructed express server to scrape parking lot data from Santa Monica's public API & send to user

Rotten Tomatoes Sentiment Analysis
Python
Scikit-learn

Data Analyst - *kaggle.com/c/sentiment-analysis-on-movie-reviews*
An experiment entered to a Kaggle Competition centered around Machine Learning
• Implemented Stochastic Gradient Descent & Naive Bayes ML algorithms for NLP
• Analyzed movie reviews & scored them on a scale ranging from 1-5

Experience

Research Assistant
May-August 2014
Pomona College

• Assisted CS Professor in design of new programming language & worked with international team of developers
• Created libraries to support additional language features such as user I/O & Math
• Constructed unit tests for potential additions to the codebase & improved error messages

Student Consultant
September 2012 - May 2015
Pomona College ITS

• Resolved a myriad of software & network issues on campus-owned computer systems
• Designed a new system for documenting laptop repair history that improved client-consultant relationships
• Used consulting experience to train new hires & provide mentorship moving forward
• Explained complex IT issues & demonstrated preventive techniques to clients & students

Intern
May 2012 - August 2012
Fusion Systems

• Helped set up computer systems for clients & businesses in Torrance, CA
• Repaired & maintained computer systems for clients & prepared computers with custom software & antivirus
• Reorganized & catalogued office assets & repaired employees' work stations

Education

Makersquare	Advanced Software Development Immersive in Los Angeles	2015
Pomona College	Bachelor of Arts in Computer Science	2011-2015
Aquincum Institute	Study Abroad in Budapest, focusing on Software Engineering & Entrepreneurship	2014

Personal

• I enjoy observational drawing, photography, hip hop dance & I'm one of the best Super Smash Bros players you'll ever meet.