

Shawn Her Many Horses

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Skills

Languages: Python, JavaScript, C/C++, PHP, SQL, Shell, HTML, CSS/SASS/LESS

Frameworks/Tools: Django, Flask, React/Redux, Bootstrap, jQuery, Webpack, Git, PostgreSQL

Other: Linux, Docker, Amazon Web Services (EC2, DynamoDB, S3, SQS, Redshift), Apache, NGINX

Experience

Software Developer – Consultant

July 2017 – Current

- Develop Restful backend APIs and services in Python and Django for frontend JavaScript clients
- Architect sophisticated, maintainable software systems customized for client business needs
- Advise clients on potential benefits and costs of various pragmatic technical solutions

Back End Developer – ZipRecruiter

January 2017 – June 2017

- Member of Python-based team responsible for returning relevant search results to job seekers
- Added features and improvements to internal Flask web app utilized daily by sales and marketing
- Implemented internal tools to support ZipAlerts job alert email service testing and deployment
- Improved user email auto-login security, guaranteeing compliance with federal anti-spam laws
- Tested and deployed various business critical AWS-hosted services with minimal downtime

Full-Stack Web Developer – Shuup

January 2016 – September 2016

- Member of core development team for Django-based open-source ecommerce startup
- Planned and implemented features, fixed existing bugs, and improved performance bottlenecks
- Practiced Agile/Scrum methodologies, providing feedback to team during sprint retrospectives
- Utilized 3rd-party APIs to develop plugins and integrations for ecommerce clients
- Wrote corresponding unit and functional tests for all new features

Software Engineer (Contract) – Southern Air Aviation

July 2015 – December 2015

- Developed, debugged, and improved accuracy of voice recognition engine for air traffic control
- Wrote and updated language model grammars according to client specifications and protocols
- Implemented custom encryption and license integration for Wibu CodeMeter security dongle

Computer Science Teaching Assistant – CSU Dominguez Hills

August 2014 – May 2015

- Graded coursework for Algorithms and Data Structures courses

Education

B.S. in Computer Science – California State University Dominguez Hills (CSUDH)

May 2015

Projects

Maximization of Routing Requests on Random Ad-Hoc Networks

- Undergraduate research project performed under the guidance of Dr. Bin Tang
- Studied load capacity and energy efficiency of routing algorithms in randomized ad-hoc networks

Song Lyric Generator

- Implemented in Python using Natural Language Toolkit (NLTK)

Emotiv Brain-Computer Interface Assisted Education Software

- Developed experimental brain-controlled learning application in C# via device API