

Summary

Multifaceted Software Developer dedicated to improving tools and infrastructure to maximize productivity, minimize system downtime and quickly respond to changing business needs.

I enjoy working with people of all backgrounds and with people that share my passion for clean and well-documented code. Due to my nontraditional route into software development, I offer a unique perspective.

Skills

Python
Relational Databases
Entity Relationship Diagram (ERD) Design
Django Web/REST Frameworks
Web Development
Linux Machines/Systems
Unit Testing
Project Management
Web Scraping
Python Imaging Library (PIL)
AWS
Javascript
jQuery
HTML / CSS
AngularJS
Restful Web Services
Git
Time/Project Management

Education

The University of Tennessee - Knoxville
Bachelor of Science in Business Management
Knoxville, Tennessee
Graduated December 2016

- Received collateral degree in Information Management

Employment History

Software Developer
The Executive Advertising
Hendersonville, Tennessee
July 2017 - Present

- Participated in design of database table structures following MVC architecture methodology
- Setup and maintained all product data feeds using Python
- Performed data migration of sensitive customer data from outsourced third-party platform to in-house MySQL database
- Managed teams of international developers using GitHub for project management
- Automated processes that allowed other employees to do more meaningful work
- Built and maintained web scrapers that visited multiple different domains using Python and an AWS EC2 instance
- Documented all methodologies in technical documentation to be used by other developers in future projects
- Built image-processing applications that allowed employees to assign meta data to product images (color, type, etc.)
- Used an AWS S3 bucket to store and host product images

Apprentice Software Developer
Nashville Software School
Nashville, Tennessee
January 2017 - June 2017

- Built front-end web apps
- Created Entity Relationship Diagrams (ERDs) to model relational database structure
- Worked with team to simulate the development of an e-commerce platform built with the Django Web Framework under a Test Driven Development methodology
- Developed unit tests

Links

- LinkedIn: <https://www.linkedin.com/in/will-sims/>
- GitHub: <https://github.com/willsims14>
- Portfolio: <http://will-sims.com/>