

Seth Dandridge

Software Engineer

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Summary

Full-stack Python engineer creating software for 17+ years. I have a passion for solving difficult problems with cutting-edge technology and delivering products that people love. Currently in the financial/legal industry focused on system architecture, back-end web services, data pipelines, and machine learning.

Skills

Languages	Python, SQL, JavaScript, Go, PHP, Q/kdb+, Bash, RegEx, C#
Python	Flask, scikit-learn, pytest, Pandas, SQLAlchemy ORM, Django, Selenium
Web	HTML, CSS, NGINX, JQuery, Bootstrap, Wordpress, React, Apache, SSL, REST
Databases	PostgreSQL, MySQL, SQLite, SOLR, Redis, StatsD
Operating Systems	Linux (Ubuntu), MacOS, Windows
Paradigms	Test-driven development (TDD), Agile
Tools	Vim, Git, Docker, SSH, JIRA, Slack, Sketch, AWS, Google Analytics

Work Experience

Intelligize

Early hire at Intelligize, a SaaS platform for legal and financial research. During my 4+ years at Intelligize:

- Active users grew more than 400%
- Total users grew more than 300%
- Intelligize was acquired by LexisNexis with technology I developed as a key selling point

Technical Product Manager

LexisNexis

New York, NY
January 2019–Present

- Oversaw rearchitecture of the back-end services that power Intelligize's most critical applications
- Helped CTO manage 60+ developers
- Conceptualized and designed user interface mock-ups
- Interviewed customers, sales and support teams to ideate and prioritize projects
- Designed system components and delivered requirements to engineering teams
- Oversaw the redesign of front-end components to use React

Skills used: Product management, database design, JIRA, Sketch, Agile

Software Engineer

LexisNexis

New York, NY
September 2016–January 2019

- Designed and built financial research software for the web
- Built a machine learning algorithm to classify financial risk factors
- Built an application for tracking and classifying correspondences between public companies and the SEC
- Built a system to match stock ticker codes with companies' public filings
- Built a QC panel for normalizing law firm entity names
- Built dashboards to monitor application speed, reliability and data integrity

- Built software for continuously maintaining and improving these systems
- Oversaw legacy code migration and improvement of code quality

Skills used: Python, scikit-learn, Pandas, Flask, Selenium, RegEx, C#, HTML, CSS, MySQL, SOLR, Ubuntu, AWS, web scraping, API development

Data Analyst

New York, NY

Intelligize

November 2014–September 2016

- Retrieved and analyzed financial data
- Wrote scripts and defined procedures for importing newly acquired data sets
- Built working proof-of-concept demos
- Documented system behavior and flow
- Developed complex SQL reports for business intelligence and sales teams
- Developed and oversaw implementation of machine learning technology, including algorithms for classification, clustering, and document similarity analysis

Skills used: Python, SQL, MySQL, statistics, data science, scikit-learn, Pandas, RegEx, HTML, CSS, iPython/Jupyter Notebook, Selenium, Excel, Google Analytics, C#

Community & Alliance Manager

Toronto, ON (remote)

ScribbleLive

July 2014–November 2014

- Integrated a real-time social content delivery platform into customers' websites
- Identified bugs and worked with developers to improve system architecture
- Collected client feedback and determined long-term value and cost-effectiveness of change requests

Skills used: JavaScript, CSS, HTML, jQuery, customer relations, working remote

Community Manager

Santa Monica, CA

Demand Media

December 2011–July 2014

- Chiefly responsible for RSS Graffiti, a SaaS for automatically publishing content to Facebook and Twitter which powered over 250 million impression daily
- Handled customer support and social media marketing
- Analyzed web traffic data and specified algorithm improvements to be implemented by engineering team
- RSS Graffiti was sold to ScribbleLive in July 2014

Skills used: Python, RSS, JIRA, RabbitMQ, MongoDB, product management, planning, customer support, UX design, data analysis

Education

University of California, Los Angeles (UCLA)

Los Angeles, CA

Political Science

2006–2010

Additional Information

- Awarded a Google bug bounty in July 2005 and accepted into the [Google Vulnerability Reward Program Hall of Fame](#)
- Created [Sojourn](#), a platform for sharing vacation homes with friends and family
- Created [Corgi Party](#), a platform for making simple gif sites, which has seen over 30 million visits and hosts over 1 million user-generated pages
- Created [@itsavailable](#), a Twitter bot that programmatically discovers unregistered .com domains
- Co-created [Citi Bike Map](#), a site for viewing NYC bike share availability
- Created [this resume template](#) in HTML and CSS