

## Qualifications Summary

- Full-stack developer specializing in data-driven Python & Javascript web applications.

## GitHub Projects

- **heckinggoodboys.com (GitHub)**
  - A regularly updated slideshow with some of the most wonderful dog pictures.

## Technical Skills

Python	Javascript	Django	Flask	Vue.js
Docker	MySQL	MongoDB	PostgreSQL	Linux
PHP	SQLAlchemy	jQuery	Bootstrap	Jinja2

## Professional Experience

- **Sr. Software Engineer, Included Health (Doctor On Demand)** (July 2020 – Present)
  - Worked on the Platform Engineering team to improve infrastructure and shared code to improve reliability of the company's Django telemedicine platform.
  - Helped improve CI build pipeline speed by more than 300%.
  - Improved test coverage and migrated large codebase from Python 2.7 to 3.8 and Django 1.11 to 3.2.
  - Improved Mypy (type hinting) implementation and used it to find bugs.
  - Improved New Relic application monitoring and used it to improve performance by reducing query counts and adding missing database indexes.
  - Implemented Sentry error monitoring and used it to catch bugs early in the development process.
- **Full-Stack Engineer, Bloodbuy.com - Dallas, TX** (Jan. 2018 – June 2020)
  - Built well-tested features for a built-from-scratch Django e-commerce marketplace.
  - Improved application performance by simplifying database schema and reducing query counts.
  - Developed ETL pipeline for getting delivery data from carriers.
  - Improved e-mail template browser compatibility with MJML.
  - Improved organization security by implementing password manager and improving network security.
  - Dockerized application and moved testing from Jenkins to CircleCI.
  - Deployed software using Heroku.
- **Senior Software Engineer, rewardStyle - Dallas, TX** (Mar. 2015 – Jan. 2018)
  - Built RESTful API using Python, Flask, and SQLAlchemy for the launch of the LIKEtoKNOW.it mobile app.
  - Improved caching, performance, and scalability of LIKEtoKNOW.it.
  - Used Docker to containerize applications.
  - Built microservices using the Apache Thrift RPC framework.
  - Developed ETL pipelines to upsert 30+ million rows into a MySQL database daily.
  - Improved accuracy of customer facing analytics.
  - Assisted with engineer onboarding, code review, and bug fixes to Node.js, PHP, and Python software.
  - Deployed software on AWS infrastructure using Ansible.

- Engineer I, Ericsson - Plano, TX (Aug. 2013 – Mar. 2015)
  - Won an Ericsson PRIDE Award in the category of Processes & Tools. One of only 29 employees (out of approx. 8,000) to receive this award.
  - Used Python, Flask, and SQLAlchemy to develop database-driven web applications to provide useful insights from raw data.
  - Created Python tools to automate data aggregation, scraping, and report generation.
  - Gathered requirements from engineers and took ideas from prototype to launch.
- Software Development Intern, Ericsson - Plano, TX (Aug. 2012 – Aug. 2013)
  - Built widely used internal web application using a web framework (PHP's Yii).
  - Gained Python experience while creating scripts to automate tasks for network engineers.
  - Learned to use Git and resolve merge conflicts as I worked with other developers.
  - Created an iOS application using Phonegap.
  - Became skilled at creating charts using Javascript charting libraries.
  - Provided Sharepoint support to coworkers.

## Volunteer Work

- Treasurer, Dallas Makerspace (Feb. 2013 – Dec. 2014)
  - Handled bookkeeping with Quickbooks, accounting, reporting, and billing.
  - Served on Board of Directors from May 2013 until May 2014.

## Education

Degree	Major	Institution	Graduation Year
Bachelors	Computer Science	Thomas Edison State University	2013