

Michael Stokley

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Profile

Software developer. I'm patient enough to take difficult projects seriously, and impatient enough to automate tedious, needlessly-manual projects. In my previous accounting position, I greatly exceeded expectations by teaching myself SQL and relational database theory in order to automate the vast majority of my data entry / data quality tasks (and avoid using a cumbersome GUI). I've been learning new languages and developer tools ever since.

Technical Skills

- Proficient Python, Django, Django REST Framework, Pyramid, Git, SQL, HTML/CSS, JavaScript/jQuery, Unix systems, Shell Scripting, Org-mode, Regular Expressions
- Familiar AWS Deployment, Heroku Deployment, Ansible, PostgreSQL, Nginx, Unicorn, Scheme

Projects

- 2016.04 **"Reciprocity"**, <http://reciprocity.site>, github.com/TeamReciprocity/reciprocity.
A full-stack Python web application for recipe sharing and collaboration. Built with Django and PostgreSQL, deployed via Ansible to an AWS EC2 instance.
- 2016.04 **Toy Domain Scraper**, github.com/mastokley/toy_domain_scraper.
A web scraper built in Python. Uses breadth-first traversal for fast, reliable results.
- 2016.03 **"HomeQuest"**, github.com/homequest/homequest.
A full-stack Python web application to gamify household chores and chore management. Manually implemented authorization, authentication, and row-level security. Built in Pyramid with a PostgreSQL database and deployed on Heroku.
- 2016.01 **Weather Forecast**, michaelstokley.com/Projects/weather-forecast.
Straightforward front end JavaScript project to practice DOM manipulation and third-party API consumption.
- 2015.12 **HTML Generator**, michaelstokley.com/Projects/HTML-generator.
Converts a lightweight, concise markdown into prettified, verbose HTML. Written in JavaScript.

Experience

Sternshus, Seattle, WA

- 2016.07 - present **Co-founding Software Developer.**
Django web development for big data startup.

Recology CleanScapes, Seattle, WA

- 2012.04 - 2015.04 **AR Specialist.**
- Wrote and maintained a library of accurate, sophisticated SQL queries to capture evolving data inconsistencies; these queries eliminated 37.5 labor hours per month despite a 126% increase in customer accounts over a two year period
 - Designed database reports for internal and external customers, such as government officials and senior management
 - Delegated data entry / data revision tasks
 - Collaborated with operations, data quality, payment processing, and customer service teams to analyze and improve processes as new city contracts were won
- 2011.07 - 2012.04 **Data Quality Specialist.**
Dispatch, data entry, and customer service for the graveyard shift

Education

- 2016 **Code Fellows, Certificate**, Seattle, WA.
Advanced Python Development, with emphasis on test driven development, pair programming, agile methodologies, version control, and basic data structures and algorithms
- 2012 - 2014 **North Seattle College, Coursework**, Seattle, WA.
Math, Statistics, and Computer Science
- 2009 **St. John's College, B. A.**, Annapolis, MD.
Double Major: Philosophy and the History of Math and Science
Double Minor: Classical Studies and Comparative Literature