Evan Roman

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Relevant Experience

2015–2017 **Lead Developer**, *Like A Local Guide*, Tallinn, Estonia.

- Implemented Sales Funnels from Google Analytics, finding what steps users got lost when booking tours and adding content
- Extracted, Transformed, and Loaded (ETL) over 100,000 cities from GeoNames, while deduplicating matching the cities from GeoNames to our existing cities
- Migrated deployment from Archlinux to CentOS
- Increased site speed on pages by caching expensive operation results with redis and query optimization with PostgreSQL
- Maintained CentOS server and CentOS Vagrant development environment
- Scaled product by adding PgBouncer, upgrading server hardware, and appropriately tuning number of worker processes to new hardware
- Implemented designs and features on the frontend with SASS and jQuery and on the backend with Django
- Interviewed and managed other developers working on the project

2017–2018 **University Lecturer**, *Tallinn Institute of Technology*, Tallinn, Estonia.

- Made MediaWiki pages with all lecture notes and tests
- Taught "Fundamentals of Python" and "Advanced Python" to bachelors students
- Tested students ability to use primitive data types, Lists, and Dictionaries using a file with three unit tests
- Gave lectures and excercises on python features including concurrency with threads and asyncio, decorators, iterators, generators, and comprehensions
- Created challenges and aided students with popular libraries, like Django, Flask, NumPy, Pandas, Request, and Scikit-learn

2018–2019 **Senior Developer**, *New York, New York*, SAM.

- Designed API with founders in OpenAPI on Swagger
- Developed frontend for SPA in React and backend in Django
- Created DevOps system and provisioned on AWS

Education

May 2018 - March 2020 **BA Mathematics**, *Thomas Edison State University*, Trenton, New Jersey. Bachelor's project: *Explaining Black Boxes: Interpretable Machine Learning*. GPA 3.8/4.0

Skills

Programming Languages: Python, JavaScript (ES5, ES6, TypeScript), Shell (Posix, bash), Emacs Lisp, Matlab/Octave, R.

Frameworks & Libraries: React, Express, JQuery, Django, Flask, Pandas, Numpy, Sparklyr.

Document Languages: HTML, Markdown, reStructuredText, LaTeX, OpenAPI (swagger).

Databases: PostgreSQL, MySQL, SQLite, Redis, MongoDB, Apache Spark.

Deployment Environments: Docker, Docker Compose, RHEL (CentOS), Vagrant.