

Theodore Williams

SOFTWARE DEVELOPER

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☎ (720) 663-9039

Profile

Software developer with a passion for learning, problem solving, testing, and producing readable and well-designed code.

Employment History

Sr. Software Development Engineer, Shopkick

September 2022 — December 2022

- Quickly learned, developed, and maintained API and web-app features
- Wrote comprehensive unit and functional tests and worked on CI/CD pipelines
- Wrote detailed, understandable documentation for processes and features

Software Developer, OpenText, Denver, CO

June 2018 — September 2022

- Worked on multiple teams to design new features and modernize legacy code
- Built several full-stack applications and prototypes for teams and customers
- Consistently researched, taught and implemented new technologies and ideas
- Provided valuable code reviews, feedback, and guidance to team members

Primary Research Technician, Washington State and University of Colorado

August 2013 — June 2018

- Wrote software for analyzing gene data
- Designed and implemented experiments for diabetes, cancer and HIV research

Education

B.S. in Cellular Biology, University of California, Davis

2009 — 2013

GPA: 3.88, top 10% of class

Projects

Document Relational Engine

I worked on a team that implemented a machine-learning algorithm for identifying documents relevant to legal cases. It involves ingestion, feature extraction, and relational mapping of millions of documents, with a site and REST API built on FastAPI.

AWS focused API

I was a lead on a team that built an AWS native application that uses python, serverless lambda functions connected to an API gateway, KMS, SQS, S3 storage, and Postgres, and is assisted by docker-containers running in fargate.

Personal Projects

I am always learning and researching new technologies and I enjoy trying them out on personal projects. You can see and read about some of these projects and other coding topics that interest me at my portfolio and blog website, verdantfox.com.

Links

[Portfolio / blog website](#)

[Linked In](#)

[GitHub](#)

Languages

Python



Bash



Javascript



HTML/CSS



Skills

API Development



Web Development



GUI and CLI development



Git (Source Control)



Docker / Containers



Database Management



Data Science / Visualization



Hobbies

Hiking, swing dancing, playing soccer, reading, cat-snuggling, gaming (board and video), coding and recently -- blogging.