

ELI BYERS

Software Engineer • Educator

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EXPERIENCE

Senior Software Engineer — Via Customers, San Jose CA

Javascript, Node.js, Mongo, Angular, Twilio, Bitly

July 2019 - September 2019

- Managed repository, enforcing proper branch methodology for entire team
- Instituted and managed proper documentation and task tracking with Jira
- Performing tasks including coding, debugging, documentation, peer-review

Chief Technical Officer — Everchek, Buffalo NY

Javascript, Node.js, Express, Docker, MySQL, Sequelize, Twilio, Mocha, Chai, Sinon, Travis CI

July 2017 - July 2019

- Manage development team delivering SAAS platform built from the ground up
- Lead software design and technology trade-off discussions
- Personally delivered the MVP of the attendance tracking platform

Software Engineer — FLYR Inc, San Francisco CA

Python, Flask, Postgres, Google BigQuery, Google Cloud Storage, Google Cloud SQL, Scrum

Oct 2018 - Jan 2019

- Improved data ingestion and processing time by 500% in a Postgres POC
- Worked on the back-end Agile team for the company's largest client
- Constructed custom MySQL queries for the data science team
- Contributed OOP best practices to our company code style guide

Software Engineering Instructor — Coding Dojo, San Jose CA

Python, Flask, Django, MySQL, Javascript, Node.js, MongoDB, Angular, AWS, Swift, Xcode

June 2016 - Oct 2018

- Instructed 100+ students per month in full stack web and mobile development
- Led Swift iOS curriculum refinement resulting in a +30% exam pass rate
- Co-led public Amazon certified Alexa Skills workshops, adding 200+ new skills
- Delivered internal tool to track student hackathon grades and presentations
- Onboarded new instructors including curriculum training and metric reporting
- Taught SQL and NoSQL, with a focus on design, normalization, and ERDs
- Held 1 on 1 code reviews and software development coaching sessions
- Led daily algorithm sessions, focused on sorts, data structures, and search algorithms for trees and graphs

EDUCATION

Bachelor of Science in Cognitive Science — UC Santa Cruz

Fall 2010 - Spring 2015

Focused in Artificial Intelligence and Human Computer Interaction. Experience programming in Python and C, robotic automation, the EPIC cognitive architecture, Assembly Language, game design, and networking

LANGUAGES

Highly Efficient

Javascript ES5 ES6

Python 2 Python 3

Comfortable

Swift Java

Working Knowledge

C PHP

METHODOLOGIES

OOP MVC

REST ERD Design

Sockets SAAS

Event Driven Programming Reactive Web Design

State Machines Scrum

BACK END

Flask Django

Node.js Express

DATABASE

MySQL Postgres

Sequelize Django ORM

MongoDB Mongoose

Google Cloud SQL Big Query

CoreData UserDefaults

DEVOPS

Git Docker

Mocha Chai Sinon Travis CI

Google Cloud Platform AWS

FRONT END

Angular.js Angular

Xcode Autolayout

Cocoapods jQuery

AJAX Bootstrap

Materialize SASS