

Tim Park

(714) 944-3085 | timpark0807@gmail.com | github.com/timpark0807 | U.S. Citizen

Summary

Objective Developer with 1 Y.O.E. applying for a Software Engineering role.
Languages Python, GoLang, Java, Javascript, Typescript, HTML, CSS
Other AWS, React.js, Node.js, Django, Flask, Git, SQL, NoSQL, AJAX, Pandas, Redis, OAuth
Concepts Object Oriented Programming, Data Structures & Algorithms, Version Control, REST, CI/CD

Projects

Sales Tax App | Santa Barbara County | Dec 2019 – May 2020

- Built a Django app to manage the deposit and allocation of 24 revenue sources totaling \$225.0 mil.
- Automated 25 hours of monthly workload to < 15 minutes and reduced the error rate by 95%.
- Executes GET requests to fetch CSVs, parses response, and builds accounting transaction XMLs.

Inventory App | SneakrFlip.com | Mar 2020 – May 2020

- Built an inventory management console for reselling sneakers and limited edition items.
- Developed a backend REST API in GoLang and a frontend single page application using React.js.
- Deployed the backend/frontend on AWS EC2/S3 and set up an automated CI/CD pipeline via AWS.

Finance News Service | Twitter.com/StockNewsBot | Feb 2020 – Jun 2020

- Built a Twitter service with Node.js/AWS to send users daily tweets with finance news articles.
- Implemented an Edit Distance DP algorithm to decide whether to reply to misspelled tweet actions.
- Built a Chrome Extension in React, Reddit bot in Python, and GUI in Java with similar functionality.

Real Estate App | Reinvestify.com | May 2019 – Oct 2019

- Built a Flask application that generates reports on the profitability of real estate investments.
- Deployed the app using AWS Elastic Beanstalk with a PostgreSQL database instance on AWS RDS.

Data Structures & Algorithms | Leetcode.com/teampark | Oct 2019 – Present

- Solved 550+ algorithm questions and implemented fundamental data structures from scratch.
- Wrote a blog series ([Medium.com/@timpark0807](https://medium.com/@timpark0807)) highlighting algorithm patterns/strategies.

Experience

Accountant II, Applications Team | Santa Barbara County, Auditor-Controller's Office | Jun 2017 – Present

- Developed a Django application that improved Special District audit compliance from 73% to 91%.
- Implemented an automated data pipeline that improved biweekly reporting from 1 day to < 10 min.
- Created an AWS Lambda service that reduced the delay in deposit notification from 1 day to 30 min.

Education

Bachelors in Economics | University of California, Santa Barbara | Jun 2017

AWS Certified Developer - Associate | Amazon Web Services, Cert #: ZGL37F0KMMF1QG5S | May 2020