Thomas O'Leary

Software Engineer | troleary.com | github.com/Tom-OLeary

Contact

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Norton, MA 📍

linkedin.com/in/tom-oleary19 in

Education

(August 2020) Bachelor Of Science
Computer Science Degree
BRIDGEWATER STATE UNIVERSITY
Bridgewater, MA

(Jan 2021) Udacity Nanodegree
Intermediate JavaScript
https://confirm.udacity.com/RR2AGQJK

(2011-2015) Physical Therapy
UNIVERSITY OF TAMPA
Tampa, FL
Made a career change into CS after 3.5 years at U Tampa

(May 2011) High School Diploma
MOSES BROWN SCHOOL
Providence, RI

Tech Stack

- Python | SQL
- Django ORM
- Django Rest Framework
- Postgres | DynamoDB
- Pandas | NumPy
- AWS Lambda | S3 | SQS
- Swagger | Documentation
- Redis | Snowflake
- Celery
- Thread Pool Executor
- Linux | Ubuntu
- Unit Tests | PyTest
- Sentry | Logz.io
- Git | GitHub | GitLab
- JavaScript | C# | HTML

Summary

Software Engineer with 3+ years professional experience in a backend role at an e-commerce startup and 4+ years creating business solutions as the only tech related employee for an automotive parts distributor. Lead engineer on multiple backend projects in a professional setting, as well as full stack projects as a personal hobby. Currently looking for opportunities in a challenging and fast paced environment, a place where I can learn from others and continue to grow as an engineer.

Professional Experience

SOFTWARE ENGINEER
Perch (Recently acquired by Razor Group)
Boston, MA

JUNE 2021 – Present

- Project planning, scoping and code reviews.
- Improve advertising spend by using inventory levels to enable/disable advertising on products through Amazon APIs.
- Increase supply chain efficiency with suggested shipment consolidations and international container booking entirely through our web application.
- Multiple refactors of features into reusable/scalable object-oriented classes.
- Strong focus on unit tests and working to increase overall test coverage.
- Optimization of Python code and SQL queries.
- Debug and fix errors across the application using Sentry SDK and Logz.io.
- Custom API execution pipeline for queuing & verifying 3rd party API calls, data ingestion and loading into our internal databases.
- Project experience includes ETL pipelines, bin-packing tools, REST APIs, Database models, AWS Lambdas & Gateways, SQS Queues, S3 & NetSuite integration, User-based task generators, Notification systems and more.

SYSTEMS ANALYST
Spring Rebuilders – Worcester, MA

MAY 2016 – JUNE 2021

- Deliver in-depth data analysis on competitor trends using SQL, Python and Pandas, increasing annual success rate on silent bidding contracts by 50%.
- Modernized inventory system, moving items from manually created excel sheets into relational databases used for comparison, calculations and market research.
- Improve company website by developing greater functionality through UI interfaces and convenient access to information.
- Develop reports to identify annual usages, OEM or aftermarket costs and freight policy, allowing for better allocation of resources to improve sales and profits.