Steven Yildirim

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OBJECTIVE

A full-time job as a Software Engineer. Looking to apply knowledge that I gained from writing high performance microservices from the ground up. Including developing code, pipelines, and deployments.

EXPERIENCE

Full-Time American Express Software Engineer 1   10/2021 — Present
Sunrise, FL

- Tech Lead for Banking Validation application within Money Movement. I follow new projects from the design phase all the way to live traffic. The application uses high-traffic technology like Kafka and reactive processing while also integrating with third-party systems, like Early Warning.

Full-Time American Express Software Engineer 2   12/2020 — 10/2021
Sunrise, FL

- Developing a modern money movement architecture using Kotlin.
- Strong attention given to code performance and readability with coroutines and functional programming. Focus on scalable, thread-safe, code for use in high-traffic and real-time use cases.
- Microservices that generate payment files to banks, verify bank account information, and track payments. All cloud native and built on Docker images for reproducibility and deployments.

Full-Time American Express Software Engineer 3   8/2019 — 12/2020
Sunrise, FL

- Developed new payment flow to update balance in real-time for customers; impact for US credit card owners.
- Received certification for machine learning using the company's internal lesson system.

Machine Learning TA MIT Minority Introduction to Engineering and Science   6/2019 — 8/2019
Boston, MA

- Teaching assistant for a course involving the theory of algorithms such as Linear and Logistic Regression up to KNN, Gradient Boosting, Random Forest and KMeans.
- Each was implemented using real datasets with Scikit-learn and Jupyter Notebook.

Internship American Express Software Engineer   6/2018 — 8/2018
Sunrise, FL

- Enabled the regression testing application for CI/CD using Slack.
- Developed a defect triaging tool that uses machine learning to predict solutions.

EDUCATION

University of Florida *Gainesville, FL*   May 2019
- Computer Science Major | Statistics Minor

Skills Profile
- Computer: Kotlin, Java, Python, JavaScript, Scikit-learn.
- Communication: Spanish (Fluent)