

ANDREW ROJAS

✉ andrew.m.rojas@gmail.com ☎ (626) 991-1531 🐙 github.com/amrojas

Education

Johns Hopkins University | M.S.E. Computer Science

May 2021

- Completing 5-year combined BS/MSE program

Johns Hopkins University | Dual B.S. Computer Science & Math – 3.79/4.0

May 2020

- Minor in Entrepreneurship & Management
- Clark Scholar chosen for academic achievement, leadership, and service
- ACM@JHU president January 2019 to May 2020 (planned weekly events, hosted ICPC)
- Computer Science Department Service Award – Service to CS department and community

Experience

Lyft | High Value Drivers SWE Intern

June 2020 – July 2020

- Created Python-Flask microservice to manage driver rewards stored in DynamoDB for driver loyalty service Lyft Rewards
- Designed and implemented internal React front-end to manage driver rewards

NVIDIA | Enterprise Experience SWE Intern

May 2019 – August 2019

- Built Salesforce synchronization service to simplify DGX firmware upgrade experience
- Automated engineering workflow by deploying DGX system analysis tool in Python-flask

Johns Hopkins University | Head Course Assistant

January 2019 – Current

- Working with professor on new material to bring back course after 3-year absence
- Formerly Algorithms (2x), Operating Systems (1x)

PatientPop | EMR Integrations SWE Intern

May 2017 – May 2019

- Accelerated Selenium regression testing by up to 70% with data-seeding API in PHP-Laravel and Java OOP interface
- Added new synchronization job in PHP-Laravel to support new appointment type for 100s of existing and potential calendar-integrated (Sikka) customers

Skills

- **Programming Languages:** Python, C, C++, PHP, Java, SQL, TypeScript, JavaScript
- **Tech:** React, flask, NoSQL (DynamoDB), Docker, git, Unix/Linux, REST, microservices

Projects

- **Semi-supervised Manifold Learning:** Implemented machine learning model based on manifolds as part of data science project. Tested on MNIST dataset and Olivetti faces
- **CHIP-8 Emulator:** Writing 8-bit interpreter emulator in C using SDL library.
- **XChange:** Machine-learning app (Python, Flask, Vue.JS) to help restaurants optimize revenue and combat food waste. **3rd place JHU Business Plan Competition**