LUIS PEDRAZA

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EDUCATION

The University of Texas at Austin Bachelor of Arts, Philosophy   2013 - 2017
Minors in Computer Science and Government

TECHNICAL SKILLS

Tools: Typescript, React, GraphQL, Redux, Jest, Express, Docker, AWS, Digital Ocean, Git, Python, Django, Pandas, R

Skills: Full Stack Development, Testing, DevOps, Microservices, Web Design, Data Analysis, Data Scraping, Scripting

EXPERIENCE

Ameelio - *Software Engineer*   January 2021 - Present
- Designed and built an Express/GraphQL/TypeORM/Jest API for scheduling, approving, and hosting video calls
- Engineered a synchronization system to move user accounts and permissions from external sources into the Ameelio database
- Overhauled both of our frontend clients to use GraphQL instead of REST and Apollo Cache instead of Redux, while simultaneously adding new features weekly

Nearpod - *Software Engineer*   May 2019 - August 2020
- Worked with Typescript (React and NestJS) in a distributed micro-services environment to help build a new slide-based, interactive learning app
- Developed the backend functions and frontend feature for a customizable marketing banner on our Django/React App
- Acted as a primary point of contact for debugging older code written by past employees when customers encountered bugs

Data Drum - *Lead Developer*   June 2018 - May 2019
- Designed and built an API in Express that served Data Drum's economic and social data to clients
- Developed a data scraping system in Python that continuously scraped data from over 100 diverse sources
- Built a mobile frontend app that served our data visually using React Native and Typescript
- Actively maintained multiple servers on AWS

UT STEM Center - *Full Stack Developer*   October 2017 - June 2018
- Added new features and maintained old code in a Django backend
- Contributed to our DevOps infrastructure using Docker containers and Jenkins CI

VOLUNTEER WORK

Triangle - *Data Scraping*   December 2020 - February 2021
- Wrote an automated script that scraped data from Lebanon's commercial registry website and added it to a database hosted on Heroku
- Wrote a script that crawled the Facebook pages of multiple Syrian news outlets and added the content into a Google sheet used for gender analysis in the post-war Syrian media