

# LUIS PEDRAZA

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## EDUCATION

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

## TECHNICAL SKILLS

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**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

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**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 new backend and frontend features to a Django/React App while also maintaining and debugging older code

**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 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

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**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