

# Peter Cardenas

[peterpcardenas@protonmail.com](mailto:peterpcardenas@protonmail.com)  
[linkedin.com/in/peter-cardenas](https://linkedin.com/in/peter-cardenas) | [petercardenas.github.io](https://petercardenas.github.io) | [github.com/petercardenas](https://github.com/petercardenas)

## Education

### The University of Texas at Austin

Aug 2019 - May 2022

- Bachelor's of Science in Computer Science - 3.608 / 4.0 GPA
- Relevant Courses: Data Structures, Discrete Mathematics, Multivariable Calculus, Computer Architecture and Organization, Linear Algebra, Principles of Computer Systems, Info Retrieval and Web Search, Software Engineering, Intro to Data Mining, Algorithms and Complexity

## Work Experience

### Ladder | Software Engineer Intern → Founding Engineer

Sep 2020 - August 2021

- Worked with a seed stage, venture-backed startup team to develop social media web and mobile apps focused around career development
- Developed and designed UI using React on web and React Native for mobile with Redux for state management and utilized Firebase for serverless and NoSQL architecture
- Led and mentored a team of interns by setting code standards through reviews and accessibility through pair programming sessions

### Gusto | Software Engineer Intern

Jun 2020 - Aug 2020

- Contributed to Gusto's People Platform using Ruby on Rails and ReactJS with Reflux
- Developed UI and backend for my project for the Scaling Payroll Efficiently initiative, which would save \$0.03 per customer per month, scaling up to over 100,000 customers
- Practiced test-driven development using Enzyme, React Testing Library, Jest, and RSpec

### 7-Eleven, Inc. (7NEXT R&D Division) | Software Engineer Intern

May 2019 - Aug 2019

- Collaborated in a 3-intern pod to develop a customer-facing React Native application with a Git version control system as beach-head to new customer market in over 68,000 stores
- Conceptualized, architected, and developed complete NodeJS backend along with MongoDB database architecture for entire React Native application
- Leveraged a NodeJS version of the OpenCV library to create a unique customer engagement experience using computer vision
- Deployed server on AWS EC2 Instance and stored video and image data on S3 Storage

## Projects

### [Travel Scares Me](#) | Python, Flask, SQL, ReactJS

Mar 2021 - May 2021

- Developed a full-stack web application in a 4-person team to give COVID-conscious travel data
- Utilized react-query for data loading and caching
- Constructed CI/CD pipelines for testing and deployment scripts to AWS Elastic Beanstalk and S3

### [UTCS Calendar Importer](#) | Python, Google Cloud Platform

Aug 2019 - Sep 2019

- Developed an application that scrapes the UTCS Calendar Website for event information to put onto Google Calendar
- Utilized the BeautifulSoup and requests libraries to parse HTML and extract calendar data
- Implemented Google Calendar API through Google Cloud Platform to add event information to Google Calendar

### Model Scheduler | PHP, HTML/CSS, JS, MySQL

Nov 2018 - Feb 2019

- Developed a scheduling application for my high school for a student population of over 4,700
- Communicated and coordinated heavily with school administration, QA, and Project Manager
- Performed and analyzed several rounds of constructive user testing

## Skills

### Languages

- Python, JavaScript, HTML/CSS, Java, SQL, Ruby

### Frameworks, Libraries, and Technologies

- React & React Native, Firebase, NodeJS (Express, Mongoose), Git, Ruby on Rails