Peter Cardenas

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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