

PETER CROSTA

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SKILLS

PROFICIENT: JavaScript, Node.js, Express, Sequelize, React, Redux, Git, D3, HTML, CSS

KNOWLEDGEABLE: SQL, Chai, Session, Python, Django, Vue.js

SOME EXPERIENCE: Heroku, SQLite, Beautiful Soup, Requests, MongoDB

PROJECTS

Delve.nyc, Frontend Engineer

Jan. 2020 - Feb. 2020

[Deployed](#) || [Repository](#)

- A site for your next apartment hunt: Visualizing NYC quality-of-life data to help you pick a neighborhood before picking an apartment
- Spearheaded implementation of D3 and SVG as the core, frontend technologies
- Led design of concept, minimum viable product, stretch goals, and wireframes
- Built in JavaScript. Frontend: React with D3 and SVG for data visualization, Sass for styling; Middleware: Express; Database: MongoDB, compiling data from NYC Open Data API

Grace Shopper, Full Stack Engineer

Jan. 2020 - Jan. 2020

[Repository](#)

- A single-page, e-commerce site, selling fresh flowers. Featured user profiles, an all-products and a single-product page, a guest and user cart, order history, and checkout feature
- Designed and implemented vertical slices, including wireframes, React components, Redux state management, Axios calls to RESTful Express routes, and database model design
- Implemented persistent guest cart using Passport and merging guest cart with user cart when signing in
- Built in JavaScript. Frontend: React, Redux; Database: PostgreSQL; Middleware: Express, Express-Session, Sequelize, Passport

Drug Check, Sole Developer

Jan. 2020 - Jan. 2020

[Repository](#)

- An application that scrapes medical websites in search of possible interactions between prescriptions and allergies
- All technology was learned in one weekend specifically for this project
- Requests made HTTP requests to WebMD, which was then processed by Beautiful Soup
- Built in Python. Frontend: Django; Database: SQLite; Scraper: Beautiful Soup and Requests

EMPLOYMENT

Fullstack Academy, *Software Engineering Teaching Fellow*, New York, NY

Mar. 2020 - May 2020

- Acted as project manager of student projects, leading agile work environment
- Led projects' daily stand-ups, weekly code reviews, helped debug recalcitrant issues, and consulted on applications' designs and implementations
- Conducted 2-4 technical interviews per week for prospective students
- Mentored six-student learning team through code reviews, debugging, office hours, and team-building activities

Columbia University Medical Center, *Research Coordinator, Anti-Epileptic Drug Database*, New York, NY

June 2017 - Nov. 2019

- Self-taught SQL for precise data extraction
- Drafted reports on efficacy of new anti-epileptic drugs for drugs' manufacturers
- Translated patient charts into quantifiable data for database of over 6,000 patients, tracking over 70 variables
- Renewed research protocol with the Internal Review Board
- Implemented policy discussions to ensure consistent entries between three local contributors and a companion site at Yale

Xandr (formerly AppNexus), *Auditor*, New York, NY

Dec. 2011 - Aug. 2015

- Ensured advertisements met technical quality standards and were consistent with intended technical attributes
- Flagged advertisements with potentially controversial or ethically dubious content
- Wrote policies to streamline the auditing process

EDUCATION

FullStack Academy

Software Engineering Immersive

Nov. 2019 - Feb. 2020

Columbia University

Premedical Postbaccalaureate, magna cum laude (GPA 3.6)

Sept. 2015 - May 2018

New York University

Bachelor of Science Media, Culture, and Communication, magna cum laude (GPA 3.8)

Sept. 2009 - May 2011