

PETER CROSTA

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SKILLS

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

KNOWLEDGEABLE: CSS, SQL, Chai, Session, Python, Django

SOME EXPERIENCE: Heroku, SQLite, Beautiful Soup, Requests

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 core, frontend technologies, D3 and SVG
- Lead design of concept, minimum viable product, stretch goals, and wireframes
- Built in JavaScript. Frontend: React with D3 and SVG for data visualization, SASS; Middleware: Express; Database: Mongodb, compiling data from NYC Open Data api;

Grace Shopper, Fullstack 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](#)

- A consumer-facing site where users can create a profile that tracks what allergies the person has and what prescriptions the user is taking, and informs him or her of possible interactions scraped from medical websites.
- 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

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

Nov. 2019 - Feb. 2020

Software Engineering Immersive

Columbia University

Sept. 2015 - May 2018

Premedical Postbaccalaureate, GPA 3.6 2018

New York University

Sept. 2009 - May 2011

Bachelors of Science Media, Culture, and Communication, GPA 3.8 2011