

EXPERIENCE **Software Engineer – YipitData (February 2016 – Present)**

- Sole responsibility for building and maintaining yipitdata.com along with several customer and internally-facing web apps using tools like Django, Flask, React, Webpack, and Redis
- Cross-platform mobile development work in React Native
- Lead front-end engineer on exploratory consumer product development
- Web data aggregation applications in Python
- Large database management (MySQL, PostgreSQL) integrated with AWS (RDS, Redshift)

Lead Engineer (contract) - TaxDrop (August 2016 – Present)

- Developed a full stack web application (Rails, PostgreSQL, jBuilder, React) with JSON backend serving a tax-filing iOS app *[Launched early 2017, featured at TechCrunch Disrupt]*
- Deployed to AWS ElasticBeanstalk with database and image encryption utilizing AWS Key Management System, expiring image URLs

Associate – Nord/LB (May – September 2015)

- Corporate counterparty risk management for all North American credit exposure.

Associate Analyst – Moody's Investor Service (August 2009 – May 2015)

- Assigned credit ratings for companies in the Oil and Gas and Chemical Sectors.
- Wrote VBA scripts to simplify the team's oil production and financial forecast models.

PROJECTS **Coinspring (Ruby on Rails, ReactJS, React Native, PostgreSQL, Redis) | [Live](#)**

- Passive cryptocurrency investment service using several open-source libraries
- Queue management with Sidekiq gem

FollowFocus (Ruby on Rails, ReactJS, PostgreSQL) | [Live](#) | [GitHub](#)

- Dynamic single-page photo sharing app using ReactJS with Flux architecture
- Drag and drop image upload with Paperclip and s3, Google Maps API integration

subPar Keyboard (ReactJS, HTML5) | [Live](#) | [GitHub](#)

- Interactive synthesizer that utilizes the Web Audio API.

SKILLS

Ruby	Python	JavaScript	SQL	Git	HTML5	CSS3
Rails	Django	React	React Native	React	Redis	AWS
Flask	Photoshop					

EDUCATION **App Academy – New York, NY (Fall 2015)**

Immersive full-stack web development program with a < 5% acceptance rate.

Vassar College – Poughkeepsie, NY (May 2009)

Bachelor of Arts, with Honors (3.8 GPA) – Economics, Mathematics

INTERESTS **Volleyball, golf, baseball, guitar, songwriting, audio engineering, art.**