

# Vincent Liu

Full-Stack Software Engineer • New York, NY • [www.vincent.engineer](http://www.vincent.engineer)

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## TECHNICAL SKILLS

**Strong:** Javascript ES6 • HTML5 • CSS3 • React • Redux • AngularJS • Node.js • Express • PostgreSQL

• MySQL • Knex.js • Sass • Bootstrap • Git

**Knowledgeable:** jQuery • Backbone.js • Angular Material • Ruby • Rails • MongoDB • Mongoose • Mocha • Chai

• JWT • Passport.js • Bcrypt • Heroku • AWS • Grunt • Gulp • Webpack

## SOFTWARE ENGINEERING EXPERIENCE

### Front-End Engineering, *Hack Reactor, General Assembly*

- Developed single page applications using React and AngularJS for a fluid and responsive user experience
- Incorporated Redux into React applications to improve performance and optimize state
- Engineered user-facing features that are responsive to desktop devices, tablets, and mobile
- Formulated user stories and designed mockups to display hierarchy of information

### Back-End Engineering, *Hack Reactor, General Assembly*

- Modeled relational database schemas with MySQL and PostgreSQL for relational queries
- Developed in Node.js and Express to facilitate servers side processing to minimize security risks and client resources
- Modularized components for efficiently managing sensitive data sets and reducing global scope
- Formulated algorithms to handle multiple third party APIs for asynchronous querying and data set cleansing

### Test Driven Development, *Hack Reactor*

- Tested code using Mocha and Chai to identify errors which reduced bugs and time spent debugging
- Identified redundant code and deleted unnecessary tasks leading to more modularized and extensible code

### Scrum Agile Development, *Hack Reactor*

- Scrum Master - Scheduled needed resources for sprint planning, stand-ups, sprint review and sprint retrospective
- Dev Team - Ensured sprint completion by forecasting work completion over iteration using historical velocity as guide

## PROFESSIONAL EXPERIENCE

### Grape Hill Liquor Traders, *Senior Sales Associate* 2016

- Managed incoming accounts and inventory ensuring store operations runs efficiently

### The New York City Council, *Policy Analyst Intern* 2012

- Analyzed weekly reports generating statistical profiles determining funding eligibility
- Identified emerging issues and policy trend inconsistencies within council agenda and guidelines

### Pro Mujer Non-Profit Org, *Research and Development Intern* 2011

- Compiled and analyzed daily reports for senior executives
- Managed and monitored central database tracking donor activities

### TD Bank, *Branch Teller* 2008 - 2011

- Audited client credit and debit transactions for fraud to resolve ongoing investigations
- Supervised and trained new staff and junior tellers ensuring smooth transition into branch workflow

## EDUCATION

### Hack Reactor, Software Engineering Immersive Program 2017

### General Assembly, Web Development Immersive Program 2016

### City University of New York, Queens College, Pre-Med Program 2013 - 2015

### City University of New York, Baruch College, B.S. Public Affairs / Minor: Psychology 2013

## LEADERSHIP / PERSONAL

### Lambda Phi Epsilon Fraternity Inc., Alumni

- Philanthropy and Historian Chair

I am an obstacle race enthusiast. I ran the Spartan Sprint & Super as well as Rugged Maniac last summer. I plan on conquering the Spartan Trifecta which requires completing the Sprint, Super, & Beast races within a year.