

# 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 • React • Redux • AngularJS • Node.js • Express • MySQL • PostgreSQL • Knex.js • HTML5 • CSS3 • 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 optimizing 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
- Identify redundant code and deleting unnecessary tasks leading to more modularized and extensible code

### Scrum Agile Development, *Hack Reactor*

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

## PROFESSIONAL EXPERIENCE

|   |             |
|---|-------------|
| <b>Grape Hill Liquor Traders, Senior Sales Associate</b>  | 2016        |
| • Managed incoming accounts and inventory ensuring store operations run efficiently                   |             |
| <b>The New York City Council, Policy Analyst Intern</b>   | 2012        |
| • Analyzed weekly reports generating statistical profiles determining funding eligibility             |             |
| • Identified emerging issues and policy trend inconsistencies within council agenda and guidelines    |             |
| <b>Pro Mujer Non-Profit Org, Research and Development Intern</b>                                      | 2011        |
| • Compiled and analyzed daily reports for senior executives   |             |
| • Managed and monitored central database tracking donor activities                                    |             |
| <b>TD Bank, Branch Teller</b>   | 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

|   |             |
|---|-------------|
| <b>Hack Reactor, Software Engineering Immersive Program</b>                                 | 2017        |
| <b>General Assembly, Web Development Immersive Program</b>                                  | 2016        |
| <b>City University of New York, Queens College, Pre-Med Program</b>                         | 2013 - 2015 |
| <b>City University of New York, Baruch College, B.S. Public Affairs / Minor: Psychology</b> | 2013        |

## LEADERSHIP / PERSONAL

### Lambda Phi Epsilon Fraternity Inc., Alumni

- Philanthropy and Historian Chair

I am hooked on obstacle races. 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.