

# Vincent Liu

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

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## TECHNICAL SKILLS

**Strong:** Javascript • React • Redux • AngularJS • Node.js • Express • MySQL • PostgreSQL • Knex.js • HTML • CSS • Bootstrap • Git  
**Experienced:** jQuery • Backbone.js • Angular Material • Ruby • Rails • MongoDB • Mongoose • Mocha • Chai • JWT • Passport.js • Bcrypt • Heroku • AWS • Grunt • Gulp • Webpack

## SOFTWARE ENGINEERING EXPERIENCE

### Product Development, *Hack Reactor, General Assembly*

- Formulated user stories and designed mockups to display hierarchy of information
- Collaborated with other engineers using Git for version control to maintain standards and create a reusable codebase

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

- Developed single page applications using React / Angular.js for a fluid and responsive user experience
- Incorporated Redux into React application to improve performance for handling high volume requests
- Converted visual designs into working interfaces with no loss in fidelity

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

- Modeled relational database schemas with MySQL / PostgreSQL for relational queries
- Developed Node.js / Express to facilitate servers side processing to minimize security risks and client resources
- Architect services to allow data to flow cleanly, efficiently and synchronously across all clients

### Hungry Adventure Application, *Travel App*

- Modularize components for efficiently managing sensitive data sets and reducing global scope
- Formulated algorithms to handle multiple third party APIs for asynchronous querying
- Deployed regular code releases to production and test environment for scalability

## PROFESSIONAL EXPERIENCE

### Grape Hill Liquor Traders, *Senior Sales Representative*

2016

- Monitored inventory and tracked domestic shipments for resupplies

### 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 activity

### 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

## EDUCATION

### Hack Reactor, Advance Software Engineer Immersive Program

2017

### General Assembly, Web Development Program

2016

### City University of New York, Queens College, Pre-Med Courses

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 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.