Vincent Liu

Full-Stack Software Engineer ● New York, NY ● 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

Grape Hill Liquor Traders, *Senior Sales Associate*   2016
- Managed incoming accounts and inventory ensuring store operations run 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 Engineer 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 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.