William **Liang**

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PROJECTS

City Streets *(Rails, React)* | live |github
NYC real estate website based on Streeteasy.
- Implemented Flux architecture with React for efficient DOM reconciliation.
- Designed intuitive user-centric website to provide instantaneous feedback.
- Integrated custom SQL queries chainable to PgSearch for full database searches.

Asteroids *(Javascript, HTML5)* | live | github
Asteroids game made with HTML5 Canvas.
- Sprite-based visual interface with upgradable ship features.
- Used vector algebra and trigonometry to handle AI movement and targeting.
- Realistic physics to handle ship properties relative to mass.

ActiveRecord Lite *(Ruby)* | github
An ORM based off of ActiveRecord
- Enabled classes to read, create and update the database.
- Utilized metaprogramming methods to create class associations.

SKILLS

Ruby |Rails | Javascript | jQuery | React | Flux | HTML | CSS | SQL | git

EXPERIENCE

Sales Support Specialist – *Safavieh (2014 – 2015)*
- Managed a $6 million sales account with 5 key online vendors on all levels including management and service inquiries.
- Rescued a key account from closure by cutting lead times in half during our busiest month in Q4.

Administrative Assistant – *Stony Brook Medical Center (2013 – 2014)*
- Managed and trained a team of 8 to digitize, update and maintain electronic medical records.
- Developed a new systematic approach to create itineraries for Stony Brook's C-Suite officers and top physicians.

EDUCATION

Web Development – *App Academy (2015)*
Immersive software development course with focus on web development and agile methodologies. Strong emphasis on code quality and design patterns.

B.A. in Education
State University of New York at Stony Brook University, 2014
GPA 3.34