William **Liang**

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PROJECTS

City Streets *(Rails, React)* | live |github
NYC real estate website inspired by Streeteasy.
- Implemented Flux architecture with React for efficient DOM reconciliation.
- Designed intuitive user-centric website with instantaneous and effective feedback.
- Integrated custom SQL multi search queries chainable to PgSearch.

Kobayashi Maru *(Javascript, HTML5)* | live | github
Asteroids inspired space fighter developed with HTML5 Canvas.
- Applied algebra and trigonometry to control AI movement and targeting systems.
- Utilized prototypical inheritance to create advanced friendly and enemy AI ships.
- Displayed sprite-based visual interface with upgradable ship features.

Data Visualizer *(D3, SVG)* | live | github
Powerful data visualization using D3.js scaled with SVG.
- Enabled customizable and dynamic plotting for datasets in csv format.
- Improved plot implementation with marker arguments and logarithmic scaling

Patient Database *(Laveral, Eloquent)* | github
A patient database application written in PHP.
- Developed using an MVC architecture with an ORM for queries to the database.
- Built user authentication and tokens for session management.

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 Q4.

Administrative Assistant – *Stony Brook Medical Center (2013 – 2014)*
- Managed and trained a team of 8 to digitize, update and maintain electronic medical records.

EDUCATION

Web Development – *App Academy (2015)*
Immersive software development program with focus on web development and agile methodologies with a < 5% acceptance rate.

B.S. in Health Science – *SUNY Stony Brook University (2014)*

PORTFOLIO www.williamliang.tech • **GITHUB** WillLiang918
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