

# ANNIE XU

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

## SKILLS

Ruby, Ruby on Rails, JavaScript, React, Redux, HTML, CSS, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, AWS, Google Maps API, Socket.io API

## PROJECTS

**SUPER RENTAL** (Ruby, Rails, React/Redux, Javascript, HTML, CSS, AWS, Heroku)

[live](#) | [github](#)

*A full stack Clone of Roofstock where users can browse and make offers on rental properties*

- Incorporated BCrypt to create secure encryption for passwords and validate user credentials in both frontend and backend.
- Stored uploaded images on Amazon Web Services S3 (AWS) for a more scalable and more efficient media storage system.
- Integrated Google Map API and rendered markets for each real estate on the map for easier visibility to its users.
- Utilized while loop with open-uri and random number generator method in order to efficiently generate and seed data with 15+ attributes to postgresSQL.

**ONEROOF** (MongoDB, Express.js, React, Node.js, Javascript, CSS, HTML)

[live](#) | [github](#)

*An app allowing housemates to post announcements, share chores and expense lists*

- Managed creating a task, meeting, expense transaction and comments for each group activity CRUD through custom transactional database operations using Mongoose ODM.
- Implemented Socket.io API for live chat feature, allowing users to chat in real-time.
- Crafted each page with the structural HTML architecture for optimal use of CSS and SCSS to position elements with precision and ensure an effective user experience (UX).

**BOUNCING PENGUIN** (Javascript, HTML Canvas)

[live](#) | [github](#)

*A platform game where penguin move left and right to grab food or avoid trash in order to survive*

- Employed HTML Canvas to generate a gaming platform and utilized setInterval to create game loops.
- Utilized Javascript event listeners to capture user input of the DOM and wrote callbacks to convert events into character movements.
- Created collision detection using vectors and distance formula to determine collisions between the penguin and obstacles, and designed bubble burst effect to make the collision aesthetically pleasing.

## EXPERIENCE

### Member of Board of Directors

*Asian Pacific Community Fund*

November 2019 - Current

- Implemented and approved new initiatives and developed donor-advised funds totaling 14 million Assets Under Management.
- Exceeded organization's fundraising goals of 30% and drew sponsorships by planning and executing a variety of activities such as annual gala and capacity building initiatives.

### Director

*Longevity Global Financial*

August 2018 - April 2020

- Established client relationships and identified financial objectives of families based on their personal financial statements.
- Analyzed and evaluated personal financial needs including estate, retirement, education fund planning, and determined insurance and annuities needs for individuals and high net worth families (10 million+).

## EDUCATION

**Web Development** - App Academy

March 2021

*Immersive software development course with a focus on full-stack web development, which entailed 1000+ hours of coding.*

**BA Degree: Economics** - University of California, Berkeley

May 2018