Qin Zhu

Software Engineer

Github: http://github.com/zhu-qin
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Projects:

BasePage (Ruby on Rails, React JS/Flux): **LIVE** | **Github**

Single page web application built with REST api for organizing projects

- Features message board, to-do lists, chat rooms, calendar, team members, and file uploads.
- Websockets and private chat channels provide live updates to all users on the state of each project and online status of team members.
- Stores uploads in the cloud via Amazon Web Services, allowing the app to scale.
- Modular components that reuse other components offer the benefit of having to write classes just once and can be incorporated into multiple parts of the app.

Space Invaders with a Rock (JavaScript, HTML5 Canvas): **LIVE** | **Github**

- Object-oriented game that synchronizes render states of objects allowing for animations and sprites.
- Game class stores all instances of objects pertaining to the game. New classes can be incorporated into the game by writing a draw function into the class.

Ruby ORM (Ruby): **Github**

- Object Relational Management system used for mapping SQL database tables to ruby classes.
- Associations can be made using class methods which relate tables through abstracted SQL queries.

Skills:

Ruby	JavaScript	HTML	SQL	Git
Rails	React.js	CSS	jQuery	AWS

Education:

App Academy (September 2016)

- Full-stack 1000+ hour web-development immersive with a < 3% acceptance rate.
- Emphasis on pair programming, code quality, and efficiency.

Stony Brook University (Graduated 2008 with bachelors in Chemical Engineering)

- 3.2/4.0 GPA

Experience:

Redwood Tutoring / Art Studio, Brooklyn, NY:

Owner and Manager (2013 - 2015)

- Created website for business with google analytics to monitor interests.
- Utilized social media platforms such as Facebook to advertise.

KLK Environmental, South Kearney NJ:

Environmental Scientist (2008 - 2013)

- Supervised teams in soil and groundwater gathering and sampling for remediation projects.