

Lingjie Zhang

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EDUCATION

App Academy

Intensive full-stack web development course (3% acceptance rate)
July 2018 – Oct 2018

M.S. – Electrical Engineering

Stony Brook University, New York
Aug 2016 – Jun 2018 GPA: 3.6

B.S. – Computer Engineering

University of Shanghai for Science and Technology, Shanghai
Aug 2012 – Jun 2016 GPA: 3.2

OBJECTIVE

Motivated and curious, I'm seeking a software engineering position where I can build on my passion for software design and develop creative applications to enhance user experience

SKILLS

- React Rails
- HTML JavaScript
- Redux CSS
- Ruby MySQL
- AWS Java

LEADERSHIP

- Lab Assistant for Digital System Design and Generation
- Research Assistant for Digital Image Processing

EXPERIENCE

Intern at Phoenix Tree Publishing Inc. | React, JS | Nov 2018 – Present

- Develop and launch new features in web application
- Maintain the website, record user traffic, update queries & joins, update algorithms
- Design, implement unit test code for web application

Intern at Huawei Research Insitute | C++ | Oct 2015 – Mar 2016

- Wrote tests for LTE simulation platform in C++, executed tests and wrote reports
- Programed in assembly language to execute DSP implementation tests
- Performed unitary testing and then integrated optimized algorithms into products

PROJECTS

Pindup | JavaScript, React, Rails, SQL | Sep 2018 – Present

Full-stack web application inspired by Pinterest that allows users to search, create and reserve images [Live Github](#)

- Store images on Amazon Web Service S3, saving reference as an attachment in PostgreSQL database
- Use modals for an enhanced user experience, resulting in DRY code and modular React components
- Use Masonry JS to replicate a Pinterest-like layout

8 Puzzle | JavaScript, HTML, CSS | Sep 2018 – Oct 2018

Single page game implemented with vanilla Javascript [Live Github](#)

- Maximized use of object-oriented design principles to separate game model and problem simulation
- Applied native DOM event handlers to improve user experience
- Extend to larger scale and solve the problem with BFS and A* algorithm

Active Journal | Ruby | Sep 2018 – Oct 2018

A custom mapping library developed in Ruby [Github](#)

- Use object-oriented programming and meta-programming to abstract SQL queries which allows the developer to have more intuitive database access
- Build features for SQLObject, Searchable and Associatable