

Shuxuan (Sam) Cenzhang

Software engineer

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Recent Projects

[Small](#) - Ruby on Rails, React.js, Redux [\[Github\]](#)

RESTful publishing platform inspired by Medium

- ❑ Implements secure authentication using BCrypt Ruby gem to hash and salt passwords
- ❑ Frontend form validation prevents unnecessary AJAX requests and improve scalability
- ❑ Recursively renders comments, allowing for infinitely nested post responses
- ❑ Employs multi-use component design and polymorphic Rails associations for extensibility

[Recordify](#) - Ruby [\[Github\]](#)

Light ORM inspired by ActiveRecord

- ❑ Creates object-relational mapping using Ruby metaprogramming
- ❑ Utilizes modules and multiple inheritance to eliminate code duplication
- ❑ Validates data at the Ruby object level to prevent insertion of invalid data into database

[Tetris](#) - JavaScript, HTML5 [\[Github\]](#)

Classic game recreated in the browser

- ❑ Renders game using HTML5 Canvas

Skills

Ruby, Rails, Python, C++, Java, JavaScript, React, HTML5/CSS3, SQL, RSpec, Redux, GNU/Linux, Git, jQuery, Python Flask, Jinja, Vagrant, fluent in Mandarin Chinese

Work History

Ulrich's Bookstore (Follett Higher Education Group)

Ann Arbor, MI

2015-2017

Sales Associate

- ❑ Stocked sales floor and answered customer questions during four beginning of semester book rushes, during each of which store revenue was among the top in the region
- ❑ Responsible for day-to-day tasks including cash register, textbook stocking and organization, product shipping, and receiving
- ❑ Mastered BackOffice, an archaic product management application, and trained all new employees in its use

Education

App Academy

New York, NY

2017

- ❑ Web development bootcamp with 1000-hour curriculum and < 3% acceptance rate

University of Michigan

2010-2017

Ann Arbor, MI

Bachelor of Science, Computer Science

- ❑ Relevant Coursework: Operating Systems, Data Structures and Algorithms, Web Databases and Information Systems, Discrete Mathematics, Foundations of Computer Science, Intro. Computer Architecture, Database Management Systems



www.github.com/scenzhang



www.linkedin.com/in/scenzhang/



<http://scenzhang.me>

