Shuxuan (Sam) Cenzhang
Web Developer

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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
- ❏ Uses frontend form validation to avoid unnecessary AJAX requests for 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
- ❏ Modules and multiple inheritance to eliminate code duplication
- ❏ Validations at the Ruby object level to prevent insertion of invalid data into the database

Tetris - JavaScript, HTML5 [Github]
Classic game for the browser

Skills

Ruby, Rails, Python, C++, Java, JavaScript, React, HTML5/CSS3, SQL, RSpec, Redux, GNU/Linux, Git, jQuery, Python Flask, Jinja
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, 2017
New York, NY
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/