

Wenlin (Jeremy) Huang

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Available for Internship/Co-op: **Jan. - Aug. 2018**

Education

Northeastern University - Seattle

Seattle, WA

Master of Science in Computer Science

Sept. 2016 – Dec. 2018 (Expected)

- **Key Courses:** MEAN Stack Web Development, Algorithms, Object-oriented Design

Shanghai Normal University

Shanghai, China

Bachelor of Business Administration in E-Commerce

Sept. 2011 – Jul. 2015

- **Key Courses:** Algorithms and Data Structures, Database Systems

Technical Skills

- **Programming Languages:** Java (Proficient), JavaScript (Intermediate), Ruby, Python, Racket
- **Frameworks and Tools:** Bootstrap, jQuery, AngularJS 1.x, Node/Express.js, Ruby on Rails, Git

Academic Projects

- **Multiplayer Tic-Tac-Toe Platform** (Northeastern Univ.) *Jul. 2017 – Aug. 2017*
 - Developed an online Tic-Tac-Toe platform using the MEAN Stack that allows users to play with either the computer or another player online
 - Incorporated Socket IO into the project which enables real-time communications between multiple connected clients in an online game
 - Used Facebook/Google Sign-in services for social login and consumed a third-party Tic-Tac-Toe API for recommendations of computer moves
- **Space Invaders** (Northeastern Univ.) *Oct. 2016 – Nov. 2016*
 - Designed and developed the data structures and features of the game in Racket by applying the design recipe
 - Refactored and further extended the game by intensively using higher-order functions
 - Created unit tests with 100% code coverage
- **Algorithms Course Projects** (Coursera) *Feb. 2016 – Apr. 2016*
 - Established a computational model to estimate the value of the percolation threshold via Monte Carlo simulation using the Union-Find Algorithm
 - Implemented an efficient, sorting-based algorithm to find every line segment that connects a subset of 4 or more of the points in the plane
 - Developed a solution to the 8-puzzle problem using the A* search algorithm
 - Designed a data type that represents a set of points in a unit square using a 2d-tree to support efficient range search and nearest-neighbor search

Experience

- **SAP Labs China** *Shanghai, China*
Web Development Intern *Jun. 2015 – Oct. 2015*
 - Worked in SAP Jam Department in the hybris-community integration team
 - Used Spring Framework and later switched to JavaScript to fetch reviews and ratings information from an E-commerce community, and integrated them as add-ons on hybris Commerce Suite
 - Integrated Apache Solr into the project for better search performance
 - Fixed various bugs and cross-browser compatibility issues during development and integration process
- **Venus Software Corporation** *Shanghai, China*
Web Development Intern *Oct. 2014 – Jan. 2015*
 - Designed and developed a WeChat news pulling/pushing system with Spring MVC and Hibernate, and a mobile-friendly news feed with jQuery Mobile
 - Participated in the development of an EDM (Email Direct Marketing) system using Ruby on Rails