Kelly Yu

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EDUCATION

CORNELL UNIVERSITY | BS in Computer Science
College of Arts and Sciences | Expected May 2021 | Ithaca, NY
Cumulative GPA: 3.593 / 4.0 • Dean's List (Fall 2017)
Relevant Coursework: Object-Oriented Programming and Data Structures • Functional Programming and Data Structures • Data-Driven Web Applications • Discrete Structures • Intermediate Website Design and Programming • Probability and Statistics

EXPERIENCE

SHANGHAI 2345 NETWORK TECHNOLOGY CO., LTD. | Software Engineering Intern
June 2019 - August 2019 | Shanghai, China
- Worked on the Product Development Team primarily in Java to help debug and test code leading to enhanced search on the company website
- Utilized Maven, Spring, and MyBatis frameworks to build web applications to create more efficiency in backend functionality, such as storing user data

CORNELL UNIVERSITY | Teaching Assistant
August 2019 - Present | Ithaca, NY
- Selected to be a Teaching Assistant for the course CS 2850: Networks
- Function as a liaison between the professor and student by providing weekly office hours and emails that enhance exam preparedness and homework performance

PROJECTS

BATTLESHIP | OCaml
March 2019 - May 2019
- Built a text-based implementation of the popular childhood game, Battleship, from scratch, in which users can play with another user or an AI
- Developed an algorithm for the AI, so that each move it makes is strategic
- Command line updates as each player makes a move and shows the current status of each player's grids, where different symbols represent the different states of each coordinate

U.S. MASS SHOOTINGS DATA VISUALIZATION | Javascript, d3.js, HTML, CSS
April 2019
- Created an interactive data visualization showing the trends of mass shootings and gun violence in the United States throughout 2013-2016
- Utilized the Javascript framework, d3.js, to manipulate two datasets with over 2,000 combined datapoints to produce this dynamic data-driven web application

ADDITIONAL SKILLS

PROGRAMMING
Languages:
Java • JavaScript • HTML • CSS • OCaml
PHP • Python • MySQL
Frameworks/Tools:
Bootstrap • d3.js • jQuery • Maven • Eclipse • Spring • VSCode

INTERESTS
Violin:
All-Nationals Orchestra 2017
Leadership:
alpha Kappa Delta Phi Intl. Sorority, Inc.
Recruitment Chair • Sisterhood Chair • Fundraising Chair