Jason Liao

3130 Cortona Drive | San Jose, CA 95135 | (408) 223-7854 | jtl93@cornell.edu | jtliao.github.io

EDUCATION

Cornell University, Ithaca, NY August 2014-December 2017 (expected)
B.S., Computer Science, GPA: 3.44
Relevant Courses: Machine Learning for Data Science, Introduction to Databases, Natural Language Processing, Object-Oriented Programming & Data Structures, Operating Systems, Engineering Statistics & Probability, Linear Algebra

EXPERIENCE

Software Engineer Intern, **Oracle**, Redwood Shores, CA June-August 2016
- Designed and programmed a prototype for an obsolete portion of Oracle's Fusion Financial Cloud applications
- Engineered a solution using modern technologies such as jQuery, Bootstrap, and HTML5
- Analyzed customer data to optimize the new feature, enhancing usability and performance for customers based on their current use patterns
- Cooperated with team members and managers to develop an effective, real-world product for customers to use

QA Engineer Intern, **Model N, Inc.**, Redwood City, CA June-August 2014, June-August 2015
- Designed and programmed automated test cases using Java-based Selenium and Sikuli for Revvy CPQ, a Salesforce.com based web application
- Assisted in constructing the front-end automation structure for the QA team after being presented with new features in the product
- Collaborated closely with the Development team on creating accurate test scenarios to ensure functionality of user stories

Staff Writer, **The Chilltime** August 2014-March 2015
- Specialized in articles involving statistical analysis of the NBA and NFL along with conceptual topics regarding statistics
- Extracted information on the performances and trends of teams and players through algorithms/data analysis

PROJECTS

NBA Game Predictor, **Cornell Data Science** August-December 2015
- Worked with a group of students to create a web application designed to predict winners of NBA games
- Employed machine learning and data science techniques to analyze scraped data from previous seasons and formulate a prediction system that predicted games at around 70% accuracy
- Developed features from harvested data that closely correlated with winning

Yelp Spam Detection, **Cornell Data Science** August 2016-present
- Utilized machine learning algorithms and natural language processing techniques in an attempt to filter out spam and fake reviews from Yelp data

Discord Chat Bot September 2016-present
- Created a bot on the voice-chat application Discord to monitor text channels for commands and parse Riot Games' API

SKILLS

- Proficient: Java, Python (basic knowledge of Pandas, Numpy, Scikit, Matplotlib), jQuery, Microsoft Office
- Familiar: R, SQL, C, Javascript, HTML, Unix, OCaml
- Proficient in Mandarin