

## **Jason Hong**

[jasonhon@usc.edu](mailto:jasonhon@usc.edu) | (323)-868-6105

### **EDUCATION**

**University of Southern California**, Los Angeles, CA

**May 2021**

Bachelor of Science, Computer Science

**GPA: 3.38**

**Major GPA: 3.56**

### **RELEVANT COURSEWORK**

Introduction to Algorithms and Theory of Computing | Data Structures and Object-Oriented Design | Discrete Methods in Computer Science | Principles of Software Development | Introduction to Information Security | Linear Algebra and Linear Differential Equations

### **ORGANIZATION INVOLVEMENT**

Sigma Phi Delta Engineering Fraternity | Association for Computing Machinery |

Chinese American Student Association

### **EXPERIENCE**

**Internship at UDAP, An Asset Management Company**

**June 2018 – August 2018**

- Developed a data-retrieving program with Node.js and the web3 library which reads data from the Ethereum blockchain (CryptoKitties DApp) and periodically checks for update.
- Organized retrieved data (kitties' information) in MySQL database based on kitties' traits.

**Hokay Skating Center, Assistant Coach**

**August 2016 – May 2017**

- Responsible for organizing training for kids around age 10 and coaching them on the ice.
- Organized trainings 2 times a week.

**Beijing Ice Hockey Team, Right Defenseman**

**2004 – June 2017**

- Led the team to win U16 National Championship in 2012 as the Captain of the team.

### **PROJECTS**

**Scrabble (C++)**

- Created a game of scrabble (a board game) that is played via Linux terminal. The program validates users' input, terminates games following game rules and ranks players' scores.
- Implemented a computer player that utilizes back-tracking and minimax techniques to make optimal moves against the player.

**Weather Forecast (HTML, CSS, JavaScript, SQL)**

- Built a weather forecast website with JSP and Java Servlet that supports register and login functionalities.
- Interacted with GoogleMap API and OpenWeatherMap API to obtain location and weather information and parsed returned JSON objects with JQuery.
- Automatically stores users' search history into MySQL database with SQL injection on JDBC driver and allow users to look up their search history.

**Personal Website**

- More about me: <https://jasonhong99.github.io>

### **AWARDS**

**18th Annual High School Mathematical Contest Modeling January 2016**

- Awarded honorable mention in international competition for my team's model

**AP Scholar with Distinction July 2016**

- Granted to students who achieve grades of 3.0 or higher on at least three full-year AP Exams

### **SKILLS**

- Technologies: Proficient in **C++**, **Java**; familiar with **JavaScript**; previously used **HTML**, **CSS**, Microsoft Office Suite
- Languages: Fluent in **English** and **Mandarin**

**GitHub:** [git@github.com:JasonHong99/Personal-Projects.git](https://github.com:JasonHong99/Personal-Projects.git)