Jason Hong

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EDUCATION

University of Southern California, Los Angeles, CA   **May 2021**
Bachelor of Science, Computer Science   *GPA: 3.33   Major GPA: 3.43*

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 UĐAP, 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 and periodically checks for update.
- Organized retrieved objects in MySQL database based on objects' traits.

Hokay Skating Center, Assistant Coach   **August 2016 – May 2017**
- Drafted personalized training agenda for kids around age 10 on and off ice.
- Spearheaded a team of coaches to implement rigorous training lessons twice a week.

Beijing Ice Hockey Team, Right Defenseman   **2004 – June 2017**
- Led a team of 30 players to win the U16 National Championship in 2012 as Captain.

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
in : https://www.linkedin.com/in/jason-hong-26ab2216b/