

# Jimmy Wu

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## **Education**

University of California - Irvine  
Computer Science, B.S.

## **Skills**

**Java:** Used for five years, implement several data structures such as binary trees, stacks, queues, and hash tables. Developed web pages with java servlets and jsps.

**C#/Unity:** Developed multiple classes to interact with each other over the course of developing a video game in Unity. Tested and debugged C# code to ensure expected results are received.

**C:** Developed code to use networking sockets, Posix threads, Process creation/deletion, and call UNIX commands in code.

**Other Technical Skills:** C++, Bash, Python, MySQL, HTML, CSS, php, javascript, ajax

**Language:** Bilingual in English and Cantonese

## **Courses**

**CS171 - Introduction to Artificial Intelligence.** Developed an AI in teams to play Connect-K using techniques such as A\* searching, heuristics, and alpha-beta pruning

**CS113 - Computer Game Development.** Developed a video game using the Unity engine in a team of five. Designed levels and puzzles, developed and debugged code in C#, planned development through design document, and communicated with the team over deadlines and requirements.

**CS122A - Introduction to Databases.** Used MySQL to create, interpret, and manipulate databases as well as designed entity-relation diagrams.

## **Projects**

**Personal Website.** Continuous development and design of a personal website from scratch using html, CSS, Javascript, jQuery, AJAX, and PHP. Developed with an emphasis on maintainable javascript code and organization.