

Thomas Wan

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Summary

Software engineer, who enjoys being creative and efficiently solving any problems, eventually moving towards Machine Learning and Data Science.

Education

University of California, San Diego

September 2018 - present

BS in Computer Science - Overall GPA (transfer): 3.827/ 4.0

Relevant Courses (Upper division): Statistical Methods(In Progress)

University of California, Riverside

September 2016 - June 2018

BS in Computer Science - Overall GPA: 3.827/4.00, Major GPA: 3.85/4.0

Relevant Courses (Upper division): Software Construction (A+), Discrete Structures (A), Logic Design (A), Intermediate Data Structures and Algorithms (B)

Relevant Courses(Lower Division): 3 Quarters of Calculus (Limits, Integral, Series) (A+), Multivariable Calculus(A+), Linear Algebra (A+), and Differential Equation(A)

Achievements/Awards: Dean's Honor List GPA of 3.5 or Above for 6 quarters and Chancellor's Honors List being on Dean's Honor List for 3 consecutive quarters

Projects

Research Assistant @ University of California, Riverside

January 2018 to April 2018

- Analyzed multiple dataset of virtual reality head movements (yaw, pitch, and roll) at certain times of a video
- Created an algorithm that incorporated quaternion to find a best fit linear regression to predict user head movements
- Used Python to extract and analyze the data,
- Introduced to how to solve real life problems using Python, Statistics and Calculus

Citrus Hack - contribumate.org (inactive)

- Project leader and front-end developer
- Used HTML and CSS and JavaScript to incorporate an interactive website
- Created a website to help delegate chores around the house/dorms.
- Features: Sign-In/Sign-Up, a unique chat room for roommates, live calendars that updated
- Won for best domain name

Skills and Interests

- Proficient in C++ , Python
- Currently learning Java, SQL, R, HTML and CSS, UNIX, and JavaScript
- Bilingual in English(speaking, writing, reading) and Mandarin (speaking)

