

JAKE W CHIANG

jakechiang.com

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EDUCATION

University of Washington, Seattle

Fall 2015 – Present

Double major in: **Computer Science**

Applied and Computational Mathematical Sciences

EXPERIENCE

University of Washington Computer Science and Engineering

CSE 142, 143, 311 Teaching Assistant

Fall 2016 – Present

- Preparing and teaching sessions for the course up to twice a week
- Grading, and providing feedback on assignments and exams
- Helping students in the Introductory Programming Lab and workshops

University of Washington Underwater Remotely Operated Vehicle Team

2016 MATE International ROV Competition

Fall 2015 – 2016

- Computer engineering. Developed camera and sensor display and controller interface.

VFX (Visual Effects) For Kids!

Assistant Instructor

Summer 2014

Mark Day School

Assistant Teacher, SuperTech Summer Camp

Summer 2012

SKILLS

Programming Languages

Java, C, C++, C#, Python, Bash, MATLAB

Web Technologies

HTML, CSS, JavaScript, jQuery, SQL, JSON, XML, AJAX, PHP

Tools

Git, Bash, Vim, LaTeX

Operating Systems

Mac OS, Linux, Unix based

Software

Photoshop, After Effects, Blender 3D, Modo, Microsoft products

INTERESTS

- Applications of machine learning
- 3D graphics and particle engines
- Computer science algorithm visualizations
- Competitive programming
- Cryptography
- Woodworking
- Drawing and Painting
- Rock climbing

PORTFOLIO AND REFERENCES

jakechiang.com

References available upon request