

# Jack Lam

🔗 <https://jacksylam.github.io> (<https://jacksylam.github.io>)

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(<https://github.com/jacksylam>)



(<https://www.linkedin.com/in/jack-lam-459606b0/>)

Software developer and IT specialist with skills in collaborating within multidisciplinary teams. Experienced with data visualization, virtual reality, augmented reality, and hybrid reality.



## WORK EXPERIENCE

### Laboratory for Advanced Visualization and Applications

Graduate Research Assistant

2016-06 - Present

<http://lava.manoa.hawaii.edu> (<http://lava.manoa.hawaii.edu>)

Design and implement software/hardware for data visualization and virtual reality in a team environment consisting of computer scientists, engineers and artists.

- Install and maintain high resolution display walls, virtual reality systems, augmented reality systems, and hybrid reality systems.
- Present and demo of various lab projects to visitors.

### Information and Computer Science Department

Graduate Teaching Assistant

2013-08 - 2016-06

<https://www.ics.hawaii.edu/> (<https://www.ics.hawaii.edu/>)

- Create, review, and teach class material to undergraduates in weekly classes for topics in Discrete Mathematics for Computer Science
- Tutor and guide undergraduates.

### Hamilton Library at University of Hawaii at Manoa

Computer and Network Support Specialist Student Aide

2008-10 - 2013-08

<https://library.manoa.hawaii.edu/> (<https://library.manoa.hawaii.edu/>)

- Assist library staff for various computer needs.
- Install, troubleshoot, and maintain computers running Windows, Mac OS, and Linux.
- Install and troubleshoot of network equipment, including routers, switches and servers.
- Additional tasks include printer maintenance, running cables, security camera installation, and other related duties.



## EDUCATION

### University of Hawaii at Manoa

Computer Science

**Master of Science**

2013-08 - 2017-12

GPA: 3.93

### University of Hawaii at Manoa

Computer Science

**Bachelor of Science**

2008-08 - 2013-05

GPA: 3.65



## PUBLICATIONS

# The Destiny-class CyberCANOE – a surround screen, stereoscopic, cyber-enabled collaboration analysis navigation and observation environment

Electronic Imaging 2017

2017-01-01

Link ([http://lava.manoa.hawaii.edu/wp-content/uploads/2017/02/Kawano\\_Destiny\\_EI201701.pdf](http://lava.manoa.hawaii.edu/wp-content/uploads/2017/02/Kawano_Destiny_EI201701.pdf))

A 13-foot-wide, 320-degree hybrid reality consisting of 32 4K 3D OLED displays.



## SKILLS

### Languages/Frameworks

- Javascript
- Angular 2
- C#
- Unity3D
- Java
- D3.js
- C/C++ (Familiar)
- OpenMP (Familiar)

### Tools

- Windows 10
- Windows 7
- Ubuntu
- Microsoft Visual Code
- Git
- LaTeX



## INTERESTS

Computer Hardware

Data Visualization