

# Michael (Micky) Mangrobang

---

4715 Manulele Street, Līhu'e HI 96766 | +1 808 639 3985 | micky.jm4@gmail.com | mickyjm.github.io

## EDUCATION

### Bachelor of Science, Computer Science

University of Hawai'i at Mānoa

Spring 2018 (Expected)

Honolulu, Hawai'i

- Courses: Discrete Mathematics I & II, Program Structure, Software Engineering I & II, Algorithms, Data Storage & Retrieval, Logic Design & Microprocessors, Computing Ethics for Lab Assistants, Independent Study

### Associate of Arts, Liberal Arts

Kaua'i Community College

May 2014

Līhu'e, Hawai'i

## EXPERIENCE

### University of Hawai'i at Mānoa ICS Department

Teaching Assistant

August 2016 – Present

Honolulu, Hawai'i

- Conducted 75-minute lab sessions twice a week, teaching the use of various software including Microsoft Office, SSH and Adobe Dreamweaver
- Developed full lesson plans including class format and material for each lab session
- Handled student grades including grading homework, quizzes and overall course

### County of Kaua'i – Information Technology Department

IT Intern

June 2016 – July 2016

Līhu'e, Hawai'i

- Handled technical calls weekly including from repairing and replacing computer parts to troubleshoot problems
- Built and deployed new shipment of computers for county employees
- Expanded a local area network and securely erased hard drives

### University of Hawai'i at Mānoa ICS Department

Assistant Teaching Assistant

January 2016 – May 2016

Honolulu, Hawai'i

- Supported a lab session twice a week helping the teaching assistant throughout their lesson
- Conducted a week's worth of lab using self-developed lesson plans including class format and material

### County of Kaua'i – Fire Department

Fire Intern

June 2015 – July 2015

Līhu'e, Hawai'i

- Database management using DBMS software
- Created and digitized new forms using a variety of software

## SKILLS

### Languages & Frameworks

- Proficient in C++, C, Java, JavaScript, HTML, CSS, Meteor, Semantic UI
- Competent in SQL, PHP, MongoDB

### Toolsets & Operating Systems

- Proficient in Windows, Linux (Ubuntu), UNIX (Secure Shell), Git/GitHub
- Competent in Adobe Dreamweaver, IntelliJ IDEA, Eclipse

## AWARDS & PROJECTS

### Alloy (Web Application)

ICS 499 – Independent Study Project

January 2017 – Present

alloyteams.github.io | www.alloy.rocks

- An application that connects UH faculty and students through their skills to collaborate on a project.

### Certificate of Achievement – 4th Place

ACM International Collegiate Programming Contest

November 2016

Laie, Hawai'i

- My team and I participated in the ACM ICP Contest, sponsored by IBM, and got placed in 4<sup>th</sup>.