

# Michael (Micky) Mangrobang

---

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, Design for Mobile Devices, Computing Ethics for Lab Assistants, Independent Study

### Associate of Arts, Liberal Arts

Kaua'i Community College

May 2014

Līhu'e, Hawai'i

## EXPERIENCE

### Teaching Assistant

University of Hawai'i at Mānoa ICS Department

August 2016 – Present

Honolulu, Hawai'i

- Conducted 75-minute lab sessions twice a week, teaching the use of various software including Microsoft Office, Photoshop, 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 grade

### IT Intern

County of Kaua'i – Information Technology Department

June 2016 – July 2016

Līhu'e, Hawai'i

- Handled technical calls weekly, ranging from repairing and replacing computer parts to troubleshoot problems
- Built and deployed new shipment of computers for county employees

### Assistant Teaching Assistant

University of Hawai'i at Mānoa ICS Department

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

### Fire Intern

County of Kaua'i – Fire Department

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, C#, Java, JavaScript, HTML, CSS
- Competent in Python, SQL, PHP, Semantic UI, Bootstrap, Meteor, MongoDB

### Toolsets & Operating Systems

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

## AWARDS & PROJECTS

### Playto (Unity Game)

ICS 485 – Video Game Design Project

October 2017 – Present

dreamingbento.wordpress.com

- A 2D puzzle/platformer video game about a Play-Doh named, Plato, looking to find happiness.

### Alloy (Web Application)

ICS 499 – Independent Study Project

January 2017 – May 2017

alloyteams.github.io

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

### Moar Chow (Web Application)

ICS 314 – Software Engineering Project

October 2016 – December 2016

moarchow.github.io

- An application that maps out food vendors & their menus on the UHM campus for UH faculty & students.

**Hawai'i – Division 1, Certificate of Achievement for 4th Place**

**November 2016**

*ACM Pacific Northwest Regional Programming Contest*

*Laie, Hawai'i*

- My team and I participated in the ACM ICPC, sponsored by IBM, using C++, and won 4<sup>th</sup> place in Hawai'i.

**ACTIVITIES**

**Active General Member**

**September 2017 – Present**

*The ICS Grey Hats*

*greyhats.club*

- Active member for The ICS Grey Hats, regularly participating in Grey Hats hosted events.

**Active General Member**

**November 2016 – Present**

*Association for Computing Machinery UHM Student Chapter*

*acmanoa.github.io*

- Active member for ACM UHM Student Chapter, regularly participating in ACM hosted events.