

# Michael (Micky) Mangrobang

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mickyjm.github.io

## EDUCATION

### Bachelor of Science, Computer Science

University of Hawaii at Manoa

August 2014 - Spring 2018

Honolulu, HI

- Courses: Intro to Computer Science, Discrete Mathematics, Program Structure, Software Engineering, Algorithms, Machine-Level & Systems Programming, Program Language Theory, Database Systems, Operating Systems, Programming for the Web, Design for Mobile Devices, Video Game Design, Independent Study

### Associate of Arts, Liberal Arts

Kauai Community College

August 2011 - May 2014

Lihue, HI

## SKILLS

### Languages & Frameworks

Proficient

- C++, C, Java, JavaScript, HTML, CSS

Competent

- Python, Assembly (x86), LISP (Common), C#, SQL, PHP, Semantic UI, Bootstrap, Jekyll

### Toolsets & Operating Systems

Proficient

- Windows, Linux (Ubuntu), Git & GitHub, Command-Line Interface, Atom, Secure Shell

Competent

- Adobe Dreamweaver, Eclipse, IntelliJ

## PROJECTS

### Playto (Unity Game)

ICS 485 – Video Game Design Project

- A 2D puzzle/platformer video game that was awarded both “Best Technological Achievement” and “Best Overall Game” among a class of 11 groups. C#, Unity

October 2017 – May 2018

[dreamingbento.github.io](https://dreamingbento.github.io)

### Alloy (Web Application)

ICS 499 – Computer Project (Independent Study)

- An application that connects UH faculty and students through their skills to collaborate on a project. HTML, CSS, JavaScript, Semantic UI, MongoDB

January 2017 – May 2017

[alloyteams.github.io](https://alloyteams.github.io)

## COMPETITIONS

### 2018 AT&T Hackathon Hawaii

Participated, C#, Unity, Android Game App

### 2017 CSAW CTF

Participated

### 2016 ACM-ICPC Pacific Northwest Region

4th Place, C++

## EXPERIENCE

### Teaching Assistant (ICS Undergraduate)

University of Hawaii at Manoa

August 2016 – May 2018

Honolulu, HI, January 2016 – May 2018

- Conducted 75-minute lab sessions twice a week, teaching the use of various software and tools including Command-Line Interface, Secure Shell, Dreamweaver, and Microsoft Office
- Assisted Students regularly with programming homework during office hours
- Developed full lesson plans including class format and material for each lab session

### Information Technology Intern

County of Kauai

June 2016 – July 2016

Lihue, HI, June 2016 – July 2016

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

## ACTIVITIES

### Event Coordinator/Secretary

Association for Computing Machinery UHM Student Chapter

January 2018 – May 2018

August 2016 – Present

- Planned both networking and academic events including general meetings, town halls and tech talks with both graduates and professionals

### General Member

The ICS Grey Hats

August 2017 – May 2018

August 2017 – May 2018

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