

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

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

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