

Michael (Micky) Mangrobang

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mickyjm.github.io

EDUCATION

Bachelor of Science, Computer Science

August 2014 - Spring 2018 (Expected)

University of Hawaii at Manoa

Honolulu, HI

- Courses: Discrete Mathematics, Program Structure, Software Engineering, Algorithms, Machine-Level & Systems Programming, Database Systems, Programming for the Web, Design for Mobile Devices, Video Game Design, Independent Study

Associate of Arts, Liberal Arts

August 2011 - May 2014

Kaua'i Community College

Lihue, HI

SKILLS

Languages & Frameworks

Proficient

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

Competent

- Python, Assembly (x86), 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

AWARDS & PROJECTS

Playto (Unity Game)

October 2017 – Present

ICS 485 – Video Game Design Project

dreamingbento.github.io

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

Alloy (Web Application)

January 2017 – May 2017

ICS 499 – Computer Project (Independent Study)

alloyteams.github.io

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

Hawaii – Division 1, Certificate of Achievement for 4th Place

November 2016

ACM Pacific Northwest Regional Programming Contest

Laie, Hawaii

- My team and I participated in an algorithm programming contest and took 4th. C++

EXPERIENCE

University of Hawaii at Manoa

Honolulu, HI, January 2016 – Present

Teaching Assistant (ICS Undergraduate)

August 2016 - Present

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

Assistant Teaching Assistant

January 2016 – May 2016

- Supported a lab session twice a week helping the teaching assistant throughout their lesson
- Held office hours alongside teaching assistant, regularly helping students with homework

County of Kauai

Lihue, HI, June 2016 – July 2016

Information Technology Intern

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

Association for Computing Machinery UHM Student Chapter

August 2016 – Present

Secretary

January 2018 – Present

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

Active General Member

August 2016 – December 2017

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