

Michael (Micky) Mangrobang

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EDUCATION

Bachelor of Science, Computer Science

University of Hawai'i at Mānoa

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

Spring 2018 (Expected)

Honolulu, Hawai'i

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

- 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

August 2016 – Present

Honolulu, Hawai'i

County of Kaua'i – Information Technology Department

IT Intern

- 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

June 2016 – July 2016

Līhu'e, Hawai'i

University of Hawai'i at Mānoa ICS Department

Assistant Teaching Assistant

- 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

January 2016 – May 2016

Honolulu, Hawai'i

County of Kaua'i – Fire Department

Fire Intern

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

June 2015 – July 2015

Līhu'e, Hawai'i

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

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

January 2017 – Present

alloyteams.github.io | www.alloy.rocks

Certificate of Achievement – 4th Place

ACM International Collegiate Programming Contest

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

November 2016

Laie, Hawai'i