

Chad Morita

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Education

University of Hawaii at Mānoa

Honolulu, HI

B.S., Computer Science (expected Spring 2019),

2015–present

○ Major GPA: 3.87

○ Achievements:

- Mānoa Dean's List: Fall 2017, Spring 2017, Fall 2016, Spring 2016, Fall 2015
- 2017 UH Mānoa Summer Sophomore Merit Scholarship

Computer skills

Languages and Frameworks: C, HTML/CSS, Java, JavaScript, LaTeX, Meteor.js, MongoDB, React, Semantic UI, SQL

Software: Adobe Bridge, Adobe Photoshop, Adobe Premiere Pro, Clonezilla, Docker, Git/GitHub, G Suite, Eclipse, IntelliJ, Microsoft Office, PlaybackPro Plus, Vi/Vim, VirtualBox, Wireshark

OS: MacOS, Linux/Unix, Windows

Experience

Work.....

UH Mānoa Department of Earth Sciences

Honolulu, HI

Computer Lab Supervisor

August 2017–Present

Maintain projectors. Perform software updates and installations on lab computers. Light network/hardware troubleshooting duties. Help students and faculty with technical support. Perform updates to department website.

Ka Leo O Hawaii

Honolulu, HI

Distribution Assistant

August 2017–Present

Deliver Ka Leo O Hawaii newspapers to approximately 60 distribution points on and around the Manoa campus. Monitor each Ka Leo O Hawaii delivery site on a regular basis, counting the number of newspapers remaining at each rack. Install, maintain, and repair newspaper circulation boxes. Assists with the needs of the BOP Circulation program.

Hālau I Ka Wēkiu/Pūpūkahi I Ke Alo O Nā Pua

Honolulu, HI

A/V Technician

January 2015–Present

Run A/V presentations for performances at the Hawai'i Theatre.

Sodexo Hawaii

Honolulu, HI

Head Cashier

August 2013–May 2015

Distribute change to the cash registers before opening, redistribute change throughout the shift, and count the money at the end of the shift.

Volunteer.....

GenCyber

Honolulu, HI

Student Volunteer

May 2016–Present

Assist middle and high school students with learning cybersecurity concepts during a week-long summer camp. Concepts include: Windows/Linux systems hardening, networking, coding, and cryptography.

University of Hawaii Photo Lab

Honolulu, HI

Photo Lab Assistant

August 2016–Present

Assist photography students working in the lab, checkout equipment, and maintain darkroom chemicals.

○ Senior Photo Lab Assistant, January 2017–Present

○ Junior Photo Lab Assistant, August 2016–December 2016

Assist students with course concepts during lab sessions. Hold open lab hours for 3 hours a week to give additional assistance to students. Prepare and teach one week of ICS 211 lab material (object-oriented programming and data structures).

Extra Curricular

Projects.....

Collaborative Study (Spring 2017): A Meteor web application built with the purpose of helping University of Hawaii Computer Science students with creating and finding study groups.

TechFolio Designer (Summer 2017): An Electron desktop application for creating and maintaining professional portfolios built with TechFolios.

Clubs.....

Association for Computing Machinery Mānoa

Member

January 2017–Present

University of Hawaii at Mānoa chapter of the Association for Computing Machinery. Member of the Grey Hats special interest group focused on cybersecurity. Competed in the National Collegiate Cyber Defense Competition and National Cyber League.

Relevant Coursework

- o **ICS 651 Computer Networks** (Currently enrolled) - Elementary principles of modern computer networking. Detailed coverage of overall architecture and the physical, data link, and network layers, with emphasis on the network layer.
- o **ICS 491 Special Topics (Digital Forensics)** - Provides students with the knowledge of underlying principles and skills to identify, preserve, and extract electronic evidence for further analysis.
- o **ICS 451 Data Networks** - Network analysis, architecture, digital signal analysis and design; circuit switching, packet switching, packet broadcasting; protocols and standards; local area networks; satellite networks; ALOHA channels; examples.
- o **ICS 426 Computer System Security** (Currently enrolled) - Information flow, confinement, information assurance, malicious programs, vulnerability analysis, network security, writing secure programs.
- o **ICS 414 Software Engineering II** - Continuation of 314. Project management, quality, and productivity control, testing and validation, team management. Team-oriented software-implementation project.
- o **ICS 332 Operating Systems** - Operating system concepts and structure, processes and threads, CPU scheduling, memory management, scheduling, file systems, inter-process communication, virtualization, popular operating systems.
- o **ICS 314 Software Engineering I** - Problem analysis and design, team-oriented development, quality assurance, configuration management, project planning.
- o **ICS 311 Algorithms** - Design and correctness of algorithms, including divide-and-conquer, greedy and dynamic programming methods. Complexity analyses using recurrence relations, probabilistic methods, and NP-completeness. Applications to order statistics, disjoint sets, B-trees and balanced trees, graphs, network flows, and string matching.
- o **ICS 211 Introduction to Computer Science II** - Reinforce and strengthen problem-solving skills using abstract data types and introduce software development practices. Emphasize the use of searching and sorting algorithms and their complexity, recursion, object-oriented programming, and data structures.