

# NICKOLAS ROSENBERG

nickolas.rosenberg@gmail.com • (808) 430 9381 • linkedin.com/in/nickolas-rosenberg • github.com/nikorosen

## EDUCATION

### The University of Hawai'i at Hilo

*B.S. in Computer Science w/ Certificate in Database Management*

Hilo, HI

May 2020

- Highest honors graduate | Dean's list | UHH Chancellor's Scholarship
- UHH College of Arts and Sciences Dean's Scholarship | UHH Alumni Association Scholarship |
- Kay Kiyoko Segawa Award | Centennial Scholarship | Gersting Computer Science Award | GearUp Scholarship

### Victoria University of Wellington

*Exchange Program*

Wellington, New Zealand

Fall 2018

## EXPERIENCE

### Airtime Hawai'i

*Marketing Manager, UI/UX Designer*

Hilo, HI

Aug. 2019 – Present

- Communicate with an international clientele to facilitate the buying and selling of aircraft
- Design frontend interfaces, modify backend to organize sales pages, and manage site hosting
- Tech used: Figma, Adobe Photoshop, PHP, WordPress, Vultr VPS, Facebook for Business

### NexTech Hawai'i

*UI/UX Designer*

Hilo, HI

Nov. 2020 – Jan. 2021

- Collaborated with admins to define UI/UX requirements and design and implement frontend components
- Tech used: Figma, Adobe Photoshop, WordPress

### The University of Hawai'i at Hilo / Research Corporation of Hawai'i

*Software Developer*

Hilo, HI

Feb. 2018 – Jan. 2020

- Built modules for a VR application that interacts with 3D surveys of coral reefs
- Developed an application for Rapid 'Ohi'a Death awareness, and presented it at the 2018 'Ike Wai conference
- Tech used: C#, C++, Python3, JavaScript, BASH, Unity3D, Unreal Engine, Node.js, GitHub, Unix

### National Astronomical Observatory of Japan

*Software Developer*

Hilo, HI

Jun. 2019 – Aug. 2019

- Reduced operational overhead by developing an application that simulates the Subaru telescope control system
- Communicated with an international team of scientists and engineers to identify and implement requirements
- Tech used: Python3, GitHub, Unix

## PROJECTS

### Issue Tracker

Feb. 2022

- Designed and implemented a full-stack .NET Core MVC application to track developer tickets using SQLServer

### Discord.js automated event bot

Dec. 2020

- Designed and built a Node.js bot to manage weekly events in Discord

### Instagram Viral Content Scraper

Spring 2020

- Developed a Python3/Selenium application to scrape and analyze social media content for market research

### Edwin H. Mo'okini Library asset management system

Spring 2019

- Led a team of three to specify and implement requirements for a full-stack application using Windows, IIS, SQLServer, and .Net Framework, employing RESTful design through C# Razor pages

## VOLUNTEER AND OTHER EXPERIENCE

### M9 Creative LLC

*Creative Production and Marketing*

Feb. 2020 — Present

### Hawai'i STEM Community Care

*UI/UX Designer*

Mar. 2020 — Apr. 2020

### Association for Computing Machinery

*Programming competitor*

Aug. 2016 — Aug. 2017

### Canada France Hawai'i Telescope

*Astronomy data science mentorship*

Feb. 2015 — Feb. 2016