# NIKO ROSENBERG

me@nikorosenberg.com • (808) 430 9381 • nikorosenberg.com

## EDUCATION

**The University of Hawai'i at Hilo**                                                                                 Hilo, HI
*B.S. in Computer Science w/ Certificate in Database Management*                                    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**                                                          Wellington, New Zealand
*Exchange Program*                                                                                                     Fall 2018

## EXPERIENCE

**Airtime Hawai'i**                                                                                                         Hilo, HI
*Marketing Manager, UI Designer*                                                               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**                                                                                                      Hilo, HI
*UI Designer*                                                                                            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**                          Hilo, HI
*Software Developer*                                                                                  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**                                                          Hilo, HI
*Software Developer*                                                                              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

**Portfolio Site**                                                                                                     May. 2022
- Designed and built an application to display past work as a software engineer (JavaScript, React, Node.js)

**Issue Tracker**                                                                                                     Feb. 2022
- Designed and implemented a full-stack application to track developer tickets (C#, .NET Core, SQLServer)

**Discord.js automated event bot**                                                                          Dec. 2020
- Designed and built a bot to manage weekly events in Discord (JavaScript, Node.js, Discord.js)

**Instagram Viral Content Scraper**                                                                      Spring 2020
- Developed an application to scrape social media content for market research (Python3, Selenium)

**Edwin H. Mo'okini Library asset management system**                                           Spring 2019
- Led a team of three to specify and implement requirements for a RESTful full-stack application (C#, IIS, SQLServer, and .Net Framework)

## VOLUNTEER AND OTHER EXPERIENCE

| | | |
|---|---|---|
| **Hawai'i STEM Community Care** | *UI 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 |