

Roman Nicolai

Contact

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Education

University of Hawaii at Manoa

B.S., Computer Science

Honolulu, HI

2018–present

Technical Skills

Strengths: Networking, Scripting, Disk Partitioning, Web Programming, Programming

Languages: C, C++, Java, Javascript, Typescript, LaTeX, HTML/CSS

Web Development: Semantic UI, React, Meteor, MongoDB, Cloudinary, Google G Suite

IT Experience: Windows Server Update Services (WSUS) configuration, ELK Stack (Elasticsearch + Logstash + Kibana) installation

Toolsets/IDEs: Visual Studio Code, IntelliJ, Git/Github, vi/vim, PowerShell, VirtualBox, Adobe Creative Suite

OS: MacOS, Windows, Unix, Linux (CentOS)

Work Experience

Telecom. And Social Informatics Research Program, UH Manoa

Honolulu, HI

Systems Support Assistant

Spring 2020–Present

This position involves providing staff with in-house technical support as well as research on technical solutions to meet the program's needs.

- Conducted software testing in VMware ESXi generated environments
- Installed the ELK Stack and configured WSUS for the organization
- Gained further experience with scripting, networking, and log reporting
- Managed large-scale educational Zoom meetings hosted by the organization

Activities & Volunteer Experience

Grey Hats

Honolulu, HI

Member

Fall 2019–Present

Cybersecurity Club at the University of Hawaii at Manoa. Club activities include group learning over cybersecurity concepts, competing in CTFs, and networking with the local cyber community.

Politician Keiko Bonk

Honolulu, HI

Intern

2014–2015

Assisted Green Party politician Keiko Bonk during her run for Hawaii House of Representatives, 20th district.

- Event Set-Up
- Flyer Design & Distribution
- Protested against commercial aquarium fisheries on Hawaii's outer islands
- Also did paid landscaping work, including: yardwork, re-painting, remodeling, basic carpentry

Biosphere Stewardship Scholarship Project

Bali Barat National Park, Bali

Participant

Summer 2013

Selected to attend environmental scholarship in Bali Barat National Park. Community service and education with other students from around the globe.

Awards

Naval Horizons STEM Challenge

Honolulu, HI

Naval STEM Naval Horizons

January 2021

Students are invited to watch videos highlighting the Navy's cutting-edge science and technology topics and submit reports on the 'state of the art' of the topic as well of a futurist vision of the Navy in 2040. Selected submissions receive a stipend.

Standardized Test Results

Aug. 26 2017 SAT = 1270

Strong Cross-Test Score: Analysis in Science [Score = 37 (99%)]

Dec. 3 2016 SAT = 1220

Strong Subscores: Words in Context [Score = 14 (98%)], Standard English Conventions [Score = 15 (99%)]

WAIS-IV Wechsler Adult Intelligence Scale 4th Edition (Taken 2014) = 103

Strong Index Score: VCI [Score = 132 (98%)]

Strong Subtest Score: Vocabulary [Raw Score = 21, Scaled Score = 15 (99.6%)]