

# Roman Nicolai

## Contact

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## Education

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**University of Hawaii at Manoa**

*B.S., Computer Science*

**Honolulu, HI**

*2018–present*

## Technical Skills

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**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

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**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

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**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, 20<sup>th</sup> 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

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### 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

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### 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 4<sup>th</sup> Edition (Taken 2014) = 103

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

Strong Subtest Score: Vocabulary [Raw Score = 51, Scaled Score = 18 (99.6%)]