

# BLIZZARD FINNEGAN

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+1(607)738-5933 ◇ Rochester, NY

Seeking full-time position in software development and systems administration. Available Jan. - June 2023

## SKILLS

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<b>Languages</b>	Java, C/C++, ZSH/BASH
<b>Software</b>	L <sup>A</sup> T <sub>E</sub> X, Git, Docker, Wireguard, Linux (primarily Debian), Microsoft Excel
<b>Hardware</b>	Cisco routers, M1 Mac, Dell systems, custom desktops

## PROJECTS

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**Freelance Server Management** Aug. 2022 - Current

*Management of an array of services, including public presence and documentation*

- Ensures integration into pre-existing workflows with minimal disruption or downtime
- Management of Docker containers, Samba fileshare, hardware and software RAID arrays, and network stack
- Budget and acquire new hardware according to needs
- Implements user-friendly, intuitive tools with minimal learning curves

**Personal Network** June 2022 - Current

*Maintain personal cloud infrastructure, on personal devices*

- Self-hosted reverse proxy, email, and DNS instances
- Built using custom desktop running Debian
- Admin access provided via a Wireguard tunnel

**Advent of Code 2021** Dec. 2021 - Current

*Series of coding challenges hosted online; written both in C++ and Java*

- Manual implementation of Dijkstra's algorithm
- Plaintext file parsing
- Extensive Stack, Queue, and ArrayList use

**Binary Search Tree** February 2022

*Implement a Binary Search Tree, built in Java*

- Built based off of a given UML diagram
- Includes `infixTraversal()`, `binarySearch()`
- Easily sortable using `Collections.sort()`

## EDUCATION

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**Rochester Institute of Technology** Aug. 2018 - Aug. 2024

B.S. in Computer Engineering Technology; GPA = 3.37/4.00

## WORK EXPERIENCE

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**Assistant Systems Administrator** - RIT / Information & Technology Services June 2022 - Dec. 2022

*Henrietta, NY*

- Assisted in management, installation, and maintenance of new personal and lab computers
- Regularly interfaced with Microsoft Active Directory and SCCM
- Assisted staff and students with basic IT needs

**Laboratory Technician** - MACOM Technology Solutions June 2017 - Aug. 2018

*Horseheads, NY*

- Operated scanning laser microscope measurement system to assess failures and improve yield

- Compiled acquired data, and generated visualizations using Excel for ease of understanding
- Established and assisted in writing standard operating procedure for the scanning laser microscope