

# BLIZZARD FINNEGAN

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+1(607)738-5933 ◇ Rochester, NY

Seeking full-time position in software development and systems administration.

## SKILLS

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

## PROJECTS

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### 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()`

### Arch Linux Livability Scripts

April 2020 - Spring 2021

*ZSH/BASH scripts built to improve stability of Arch Linux*

- Automated installation of ArchLinux
- Restricted update windows for greater stability
- Streamlined git repo updates

### Personal Network

Fall 2020 - Current

*Maintain personal cloud infrastructure, on personal devices*

- Self-hosted NextCloud, Jellyfin, and HomeAssistant instances
- Built using custom desktop running Debian
- Connected on a personal network using the Tailscale VPN

## 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