# Jaren Goldberg

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## Education

**Virginia Tech**, Blacksburg VA | B.S. in Computer Science (College of Engineering) | Expected Graduation Spring 2027 | 3.79 GPA

- Pertinent coursework completed includes: Software Design & Data Structures (Java); Intro to Computer Organization (C and Assembly); Intro to Problem Solving (Python).

## Technical Experience

Fairfax Water | **Operational Technologies Network Aide Intern** | May 2024 - Jul 2024

- Developed a program to help backfill databases for monthly reports to state regulators providing efficiencies and high quality data using Excel VBA.
- Assisted in the upgrade of a Schneider Electric programmable logic controller for a water basin.
- Analyzed switch configuration and updated documentation to ensure continuous flow of critical data.
- Monitored and updated the security of machines in an air-gapped network.
- Assisted in management and design of hypervisors for the services used for operations.

SomethingHost | **Web Senior Support Agent** | Nov 2021 - May 2023

- Assisted in sales and marketing for new customers.
- Provided subject matter expertise and configuration for customers and their services.
- Supported the business continuity and disaster recovery.
- Assisted in managing a web-based panel designed in Java and Python.

CountBot | **Product Engineer** | Dec 2021 - Present

- Develop and maintain a popular Discord application leveraging DevSecOps.
- Manage a custom online store and customer dashboard built with Next.js and Chargebee.
- Maintain a high quality and professional code base with GitHub workflows, unit tests, and thorough documentation with consistent updates and improvements.
- Utilize GitHub Copilot integration to assist with writing program code.

Luyx LLC | **Founder** | Dec 2021 - Present

- Designed the architecture and program of a project management system in TypeScript.
- Founded a team of developers that builds small applications and libraries.
- Distribute resources and tools for efficient and professional program design.
- Use SSH to securely manage and deploy projects using PM2 on a Linux system.

## Hard Skills

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|---|---|---|---|---|---|---|
| C | CI/CD | Cloudflare | Git | GitHub | HTML | Java |
| Linux | MongoDB | NGINX | Node.js | Python | React | Rust |
| SQL | SSH | Svelte | TypeScript | VBA | | |

# Extracurricular Activities

Astronomy | **Astrophotographer** | Sep 2022 - Present
- Member of Northern Virginia Astronomy Club and Astronomy Club at Virginia Tech.
- Photograph and process images of deep sky objects using a Newtonian telescope.

Music | **Electric Bassist** | Aug 2020 - Present
- Songwriter and performer in Clishae and with Vinny Anthony.
- Engage and inform fan base through social media and custom websites using Svelte and Next.js.
- Assist with logistics in scheduling performances on college campuses and local venues.

Leadership | **Jewish Heritage Chair, JSU Rep, Chabad VP** | August 2024 - Present
- Alpha Epsilon Pi brother, representing a Jewish fraternity committed to service and philanthropy at Virginia Tech.
- Organize and prepare events with Chabad and AEPi to create engagement opportunities with Jewish students.
- Engage in monthly meetings with the Jewish Student Union providing insight on Jewish life on campus.