

Alden Darefsky

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EDUCATION

The Siena School | Class of 2025 | 3.63 GPA

TECHNICAL SKILLS & CERTIFICATIONS

- **Programming:** Python, HTML, CSS, C# .NET, C++ (Arduino), Rust, JavaScript
- **Tools & Technologies:** Git, VS Code, Nano, Terminal, Vim, NeoVim, JSON integration, ServiceNow, Microsoft 365, Google Workspace, LibreOffice
- **Operating Systems:** Debian Desktop & Linux servers, Ubuntu Server & Desktop, Arch Desktop & Server, Windows 7/10/11, ESXi, Kali
- **Certifications:** Emergency First Responder (Emergency First Response Corp), Master Scuba Diver (PADI), ICS-100, 200, 700, 800, Lead Belay & Lead Climb
- **Other Skills:** ASL (Levels 1-3), Maryland Driver's License, Soundboard operation, Photography, Rock climbing, CS Education

EXPERIENCE

Rochester Institute of Technology Ambulance | *Driver Trainee Volunteer* | Oct 2025 – Present

- Operate ambulance vehicles safely during emergency responses.
- Direct active scene management and ensure patient safety during medical calls.

The Adventure Park at Sandy Spring Friends School | *Park Monitor* | Mar 2025 – Aug 2025

- Ensured the overall physical safety of guests navigating the park.
- Executed physical and mental interventions to safely assist and calm panicked guests of all ages.

REI | *Seasonal Store Sales Specialist* | Sep 2024 – Jan 2025

- Educated customers on outdoor adventure equipment and facilitated purchases.
- Conducted custom fittings for backpacking packs and sized bicycles for test rides and final sales.

The Siena School Theater Program | *Head Audio Technician* | Sep 2021 – Jun 2025

- Managed audio equipment using a network-based audio system and executed Foley audio work.
- Instructed students in audio technical work and foundational theater lighting concepts.

- Designed and executed sound effect cues for live productions.

American University | *Cybersecurity Intern* | Feb 2024 – Mar 2024

- Collaborated with a security team to identify email threat levels and combat active phishing attacks.
- Analyzed firewall parameters and email header information to track vulnerabilities.
- Utilized the ServiceNow ticketing system to manage and resolve IT requests.

Green Acres Camp | *Computer Science Teacher* | Jun 2023 – Jul 2023

- Promoted from Assistant Teacher to Head Computer Science Teacher.
- Instructed children in foundational computer science concepts using Scratch, Python, and HTML.
- Served as the lead Audio Technician for the camp's live performance.

Copper Note | *Intern* | Mar 2023

- Developed dynamic, responsive websites utilizing HTML, CSS, and JavaScript.

Green Acres Camp | *Volunteer Junior Counselor* | Jun 2022 – Aug 2022

- Assisted campers with basic computer science concepts and supported positive social interactions.
- Operated as the Audio Technician for a camp performance.

The KID Museum | *Intern* | Mar 2022

- Facilitated project development for children and assisted in the physical setup of a new Maker Space.

PROJECTS

- **Networking & Hardware:** Maintained an ESXi server and developed a database-driven robot operating on a UDP networking protocol.
- **Software Development:** Engineered a Python script capable of creating and decoding usernames based on IP addresses.
- **Web Tools:** Programmed an interactive counting-up web timer utilized by a high school teacher and created a separate web timer to assist in camp instruction.
- **Systems & Integration:** Created a logging system for physical spaces and designed the back end of a store page utilizing GitHub repository integration.