Daniel Finn

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Education
State University of New York at Fredonia, Fredonia, NY
B.S. Computer Science

Expected Graduation May 2026

Bishop Timon St. Jude High School, Buffalo, NY
Graduated 2021 Soccer Team Captain

IT/AV Experience
ITS Employee - SUNY Fredonia (2025 – 2026)

- Providing phone support for students and staff

- Aiding in the College's transition from Google to Microsoft Platform

- Utilizing Jira Ticket System for IT tasks related to PCs, Phones, TVs, and Internet

- Hardware repair and diagnosis using both Windows and Linux machines

- Programming, including Web App maintenance and updates, using HTML, JS, CSS and Cloud DB management

ITS Internship - SUNY Fredonia (Summer 2025)

- Troubleshooting, diagnosing, and repairing computers

- General Tech Support including connecting to the network, installing drivers, and Microsoft help

- Development and programming of a scheduling app, now a regularly used Web App for ITS

Lounge Attendant - SUNY Fredonia (2024 – Present)

- Supervise and maintain equipment for 12 gaming PCs, along with an Xbox, PS5, and a Nintendo Switch

- Monitoring the lounge, including the sign-in sheet, to keep track of who's there and what equipment is in use, as well as enforcing lounge rules to maintain a safe, respectful, and calm environment during busy times

- Troubleshoot and update tech for gaming PCs and consoles, ensuring everything works properly

AV Club - Bishop Timon St. Jude (2019 - 2021)

- Experience with cameras, video recording tools, sound boards, wireless audio systems, and amplifiers

- Worked on video production and provided tech support for live streams and sports event broadcasts

- Participated in daily meetings and worked on many projects

Skills
Programming Languages: Experience with C++ & Python, HTML, JS, & CSS, and SQL, Bash, & C#. Some experience using Koltin, Perl, and Assembly Language.
Web Development: Worked on applications for Fredonia IT and led class projects
Cybersecurity: Experience in networking, troubleshooting with routers and switches, and resolving internet-related issues. Completed several network security courses.
Operating Systems: Experience with Windows, Linux (Ubuntu/Debian), Apple products, and Android. Experience in troubleshooting, command-line work, and software development.
IT: Experience in setting up, fixing, and creating new software to aid in people's daily lives, including imaging computers and establishing home and professional networks.

Software Experience
Microsoft Products: Word, Excel, PowerPoint, Access, SharePoint, and Teams.
Visual Studio / VS Code: Used for my personal programming.
GitHub: Managing, storing, and working on projects.
WinSCP: Experienced through both course work and personal use moving scripts from my windows laptop to a Ras Pi
Terminal / PowerShell: Experienced using the command line, as well as using terminal for moving, making, and

removing files, admin permissions, searching through text files, running a few system tweaks, and recovering data from broken drives.

C++: Developed applications for file editing and simple automation. Coursework included programming tasks with math and some games (hangman, tik-tak-toe, calculators), along with work on databases and pairing those databases to applications.

Python: Focused on pattern manipulation, scripting, and automating processes for personal and academic projects. Created several python apps for personal use and one in-use at Fredonia ITS.

Wireshark: Used both in class and personally for different network set ups and testing. I have set up and fixed several networks for others along with managing my own home network.

HTML/JS/CSS: I have created several websites and apps, some are personal and some are for SUNY Fredonia's IT department that are currently in-use and working with databases I set up.

Console Mods: Experience homebrewing and modifying Nintendo Wii consoles, setting up custom firmware and homebrew apps on multiple systems. Emulated several older game systems on both Windows and Mac PCs.

Other Work Experience

1. Rotary Ice Rink - Downtown Buffalo, NY (Oct 2022 - March 2023)

- Crew Member - monitoring rink for safety, skate rentals, and food and drink distribution

2. Five Guys - Hamburg, NY (March 2020 - Dec 2020)

- Crew Member - Cooking and cleaning

3. South Buffalo Soccer Club - Buffalo, NY (2016 - 2024)

4. Father Baker Soccer League - West Seneca, NY (2016 - 2024)

References

1. Mark Mackey, Residential Technology Coordinator at State University of New York at Fredonia

- **(716)785-4469**
- I currently work for and have worked my last 2 jobs under Mark. I have also completed 6 Internship credit hours with Fredonia IT with him as my boss.

2. Gregory Cole, SUNY Fredonia Professor.

- **(716)860-0175**
- Mr. Cole taught most of my Networking & Cyber Security courses and has helped me learn a lot about several different network-related systems, including how to manage them.

3. Syed Haider, Computer Science Professor at SUNY Fredonia

- **haider@fredonia.edu**
- Dr. Haider taught most of the software application and database management courses I finished, which have played a major role in the way I work today. His courses taught me how to start, modify, and finish projects in full, leading to me completing lots of other projects on my own afterwards!