

# Mitchell R. Feigenbaum

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## EDUCATION

### James Madison University

*Bachelor of Science in Computer Science*

Harrisonburg, VA

Expected 2027

- **GPA:** Cumulative: 3.7 (63 Semester Hours)
- **Relevant Coursework:** Logic & Control Flow, CPU Architecture, Data Structures & Algorithms, Software Development

## WORK & LEADERSHIP EXPERIENCE

### Unix User Group

*Secretary*

Harrisonburg, VA

August 2024 – Present

- Led recruiting, community outreach, and organizational communication for the club.
- Managed a mailing list and online messaging chat with over 100 active users.
- Taught people of a ranging skill set how to install and use a Unix-like system.

### Pozez JCC of Northern Virginia

*Sports Specialist*

Fairfax, VA

June 2024 – August 2024

- Responsible for camp safety, deploying equipment, and maintaining a fun and inclusive atmosphere.
- Created detailed lesson plans which were presented to and approved by a supervisor.
- Led sports activities and games with campers in kindergarten through fifth grade.

### Boy Scouts of America

*Sales Associate*

Springfield, VA

August 2022 – August 2023

- Used intimate knowledge of the scouting program and camping to sell, market, and present products.
- Recognized as a consistent nationwide top seller in terms of revenue earned per month.
- Worked with Mi9 Mosaic point of sale systems, sensitive payment, and secured data.

### Troop 1346

*Eagle Scout, Troop Guide, Senior Patrol Leader*

Burke, VA

March 2016 – June 2022

- Led an Eagle Project which entailed managing over 30 volunteers refurbishing a school concession stand.
- Acted as the official public representative of the troop in the role of senior patrol leader for six months.
- Worked hundreds of hours of community service in conservation and community outreach.

## PROJECTS

### Proguide

*60 page programming guide made in Roff document format language*

[github.com/mrf-dot/proguide](https://github.com/mrf-dot/proguide)

April 2022 – Present

- Open-source book that goes over the basics of programming at a beginner level.
- Explains constructs such as control flow and gives a brief overview of major programming languages.
- Compiled using the GNU document formatting tool Groff and edited with the VI command line editor.

### YT

*YouTube command line interface made in PowerShell*

[github.com/mrf-dot/yt](https://github.com/mrf-dot/yt)

March 2022 – December 2023

- PowerShell script that allows a user to watch and download YouTube videos over the command line.
- User interface built around the YouTube application programming interface and youtube-dl.
- Features include playing a video from cache, downloading a video or audio file, and downloading playlists.

### Blackjack

*Multi-call card/blackjack program written in C*

[github.com/mrf-dot/blackjack](https://github.com/mrf-dot/blackjack)

September 2023 – April 2024

- Command line program that performs various functions on a virtual deck such as picking a random card and shuffling.
- The program uses its own randomness library based on the Xorshift algorithm that is linked at compile time.
- Dynamically colored and formatted cards are displayed to the client using ANSI color codes.

## CERTIFICATIONS

Compia A+ Core 2 (1102)

In Progress

Compia A+ Core 1 (1101)

2024

Microsoft Technology Associate 98-381 Certificate (Python)

2022

Microsoft Technology Associate 98-388 Certificate (Java)

2022

## SKILLS

**Programming Languages:** HTML/CSS/JS, Python, Java, C, PowerShell, Shell Script (SH/BASH/ZSH)

**Microsoft Office:** Word, Excel, PowerPoint, Access, Outlook

**Operating Systems:** Microsoft Windows, Linux

**Version Control/Collaboration:** Git, GitHub, GitLab, Scrum