Mitch Feigenbaum

Burke, VA 22015
(571) 623-4086 | mitch@mitchf.me | mitchf.me | linkedin.com/in/mitchfeigenbaum | github.com/mrf-dot

WORK EXPERIENCE

Information Technology Intern **June 2025 – July 2025**
Capgemini Richmond, VA

- Contributed to the development and research of an internal AI solution for a Fortune 200 company.
- Discovered and patched a critical XSS (Cross Site Scripting) vulnerability in the user prompt of an internal chat app.
- Developed features using ReactJS, Python Flask, Azure Cloud, Azure Document Intelligence, and SQL.
- Delivered the following features to the AI solution:
  - Improved copy-paste functionality by adding rich/plain text options.
  - Fixes and code patches for three CVE (Common Vulnerabilities and Exposures) detected in an external code audit.
  - Improved back-end logging of user events such as button presses and settings changes.
  - Added the ability to upload PNG and JPG files and process them with Azure Document Intelligence.
- Collaborated with six senior developers in an Agile team, participating in daily Scrum meetings.

Head of Information Technology Department **November 2024 – Present**
Daughter of the Stars Theater and Cultural Center Stanley, VA

- Designed and implemented a computer networking infrastructure using Syncthing with built in security and data integrity.
- Increased security and improved operational efficiency by transitioning company computers to Linux.
- Implemented a 3-2-1 backup strategy with disk encryption for data loss prevention and increased data security.
- Categorized products within the Wix point of sale system resulting in improved sales efficiency and inventory management.

Robot Fleet Attendant **November 2024 – June 2025**
Starship Technologies Harrisonburg, VA

- Worked with artificial intelligence and computer vision systems.
- Responsible for supervising and maintaining autonomous robots operating at James Madison University.
- Assisted in the logistics, planning, and organization of on-time efficient food delivery service.

Sales Associate **August 2022 – August 2023**
Boy Scouts of America Springfield, VA

- 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.

LEADERSHIP EXPERIENCE

Eagle Scout **March 2016 – June 2022**
Troop 1346 Burke, VA

- Led an Eagle Project which entailed managing over 30 volunteers refurbishing a school concession stand.
- Worked over 200 hours of community service in conservation and community outreach.

PROJECTS

Enron Data Processing **April 2025 – May 2025**
A collection of AWK scripts for parsing the Enron email corpus (1.3 GB of unstructured text). github.com/mrf-dot/enron

- Harnesses the power of regex and associative arrays in AWK to efficiently process over 600,000 emails.
- Parses and cleans raw email data to perform statistical analysis such as the most frequently used words and area codes.

YT **March 2022 – December 2023**
YouTube command line interface made in PowerShell github.com/mrf-dot/yt

- PowerShell script that allows a user to watch and download YouTube videos over the command line.
- Features include playing a video from cache, downloading a video or audio file, and downloading playlists.

Blackjack **September 2023 – April 2024**
Multi-call card/blackjack program written in C github.com/mrf-dot/blackjack

- 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.

EDUCATION

Bachelor of Science in Computer Science **Expected May 2026**
James Madison University Harrisonburg, VA

- **Relevant Coursework:** Database Administration, CPU Architecture, Data Structures & Algorithms, Software Development
- **Organizations:** Unix User Group (Secretary, Treasurer, and Executive Board Member)

SKILLS

Technical Skills: Python, Java, C, ReactJS, PowerShell, BASH, AWK, LaTeX, Git, Flask, SQL, Azure Document Intelligence
Systems & Administration: Networking, Microsoft Windows, Linux, macOS, Active Directory, VPN, Azure Cloud
Productivity & Collaboration: Microsoft Office, Excel, Google Workspace, Agile, Scrum, Sales, Retail, Leadership