

Eric McKinney

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Education

University of Maryland, College Park, MD

Bachelor of Science in Computer Engineering

Anticipated: May 2026

Cumulative GPA: 3.98

Skills

Software: Red Hat Enterprise Linux 8 (RHEL8), PyCharm, Eclipse, MATLAB, Google Workspace, Microsoft Office, Git, GitHub, GitLab, VSCode, Windows Subsystem for Linux 2 (WSL2), Vim

Programming Languages: C, Bash, Python, Java

Programming Experience

Systems Engineer

June 2024–August 2024

Intern, Peraton

- Write Bash script to automate install of Morpheus Data in high availability configuration
- Participate in SAFe Agile work environment, scrum

Software Developer

May 2023–August 2023

Employee, University of Maryland Engineering Digital Service

- Create and maintain a command line tool for IT staff which merges data from multiple csv files using Python, supports customization via configuration file including regex filters
- Communicate with client about project requirements, prototype demos, and revisions

Red Hat System Administration I & II

June 2022–August 2022

Student, Red Hat Academy

- Obtain familiarity and proficiency with Linux/Unix environment and Vim
- Manage files, users, groups, permissions, networks, and processes
- Schedule tasks with cron, manage storage and logical volumes, run and manage containers, resolve boot issues, write Bash scripts, and manage and troubleshoot SELinux for files

Engineering Development and Design Capstone Project

September 2021–March 2022

Student, Magruder High School

- Develop application using Python in PyCharm IDE and Spotify API to generate playlists of music based on parameters determined by open applications
- Present and demonstrate project to local community
- Write research paper justifying the project and explaining the design

Honors and Awards

Dean's List

Fall 2022–Spring 2024