

Eric McKinney

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Education

University of Maryland, College Park, MD

Bachelor of Science in Computer Engineering

Anticipated: May 2026

Cumulative GPA: 3.953

Skills

Software: Eclipse, Google Workspace, Microsoft Office, Git, Windows Subsystem for Linux 2 (WSL2), Vim

Programming Languages: C, Bash, Python, Java

Experience

Systems Engineer

June 2025–August 2025

Intern, Peraton

- Author internal white paper for design of autonomous software license management system
- Research and document use of digital twins in space context
- Spearhead team building subcommunity within the office

Systems Engineer

June 2024–August 2024

Intern, Peraton

- Automate install of Morpheus Data in a high availability configuration with Bash script
- Acquire and prepare HPE EL8000 for use in an on-prem KVM cluster
- Engage in SAFe Agile work environment, scrum

Software Developer

May 2023–August 2023

Employee, University of Maryland Engineering Digital Service

- Create and maintain a customizable CSV data organization command line tool in Python
- Communicate with client about project requirements, demo prototypes, and revise requirements

Red Hat System Administration I & II

June 2022–August 2022

Student, Red Hat Academy

- Manage files, users, groups, permissions, networks, and processes in Linux/Unix environment
- 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

- Design and implement on-the-fly context-dependent playlist generation using Spotify's API in Python
- Demonstrate project capabilities in a public setting

Honors and Awards

Dean's List

Fall 2022–Spring 2025