

RYAN LEYHE

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EXPERIENCE

Intern - Naval Sea Systems Command (NAVSEA)

June 2023 - August 2023

- Collaborated with the ACIO and regularly delivered insights and reports using Power BI dashboards during weekly meetings, showcasing HR and financial data transformations.
- Leveraged Power BI for data analytics, transforming data into actionable insights and creating visually engaging dashboards for effective data communication.
- Designed and implemented Power Apps solutions to consolidate, filter, search, and edit data, enhancing efficiency and accuracy in data management processes.
- Successfully obtained an active secret security clearance.

Member - Mechatronics and Robotics Society (MARS)

August 2023 - Present

- Led a project within the computer science subteam to leverage Docker on NVIDIA Jetson, containerizing versions of our custom robot OS.
- Orchestrated Docker container management and introduced a GitHub workflow for automated image deployment, significantly improving testing efficiency.
- Implemented LiDAR-based SLAM algorithm to double localization accuracy of the robot.

SKILLS

Python | Java | C/C++ | ASM | Docker | Git/GitHub | CI/CD | Embedded systems | JUnit testing | Power BI | Power Apps | MS Office Products (Excel, Word, PowerPoint) |

EDUCATION

University of Virginia - College of Arts & Sciences

Charlottesville, VA

Pursuing a B.S. in Commerce and a B.A. in Computer Science

Class of 2026

- Cumulative GPA: 3.71
- Relevant coursework: Computer Systems & Organization, Data Structures & Algorithms, Software Development
- Activities and societies: Google Developer Student Club, Business & AI Club, Portico Impact Fund, MARS