Michael Eack

Software Engineer

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◔ Experience

Lockheed Martin Space　　　　　　　　　　　　　　　March 2022 - present
Sr. Software Engineer　　　　　　　　　　　　　　　　　　　　　*Boulder, CO*

> Lead integration, testing, and deployment of system interface using Bash, Python, and an internal system scripting language.

> Led development and deployment of devops feature which improved quality control within the continuous integration pipeline by integrating schema validation tests.

> Technology used daily: Red Hat Enterprise Linux, Bash, Python, Gitlab, Jira, Confluence

> Technology used occasionally: C++, ELK stack, Mongodb, Apache Zookeeper, Apache Qpid

Lockheed Martin Space　　　　　　　　　　　　　　May 2020 – March 2022
Sr. Systems Engineer　　　　　　　　　　　　　　　　　　　　　*Boulder, CO*

> Led testing for multiple large scale features. Responsible for performing end-to-end testing to ensure new software baseline met customer requirements. Communicated findings to feature owners and resolved outstanding issues before feature merge.

> Managed all software bugs on behalf of customer. Collaborated with senior engineers across multiple teams to triage, address, and drive bug resolution to completion. Briefed government customer on progress during regular check-in meetings. Successfully reduced number of unresolved software bugs from 120 to 30.

> Utilized model based systems engineering principles to write system requirements for features.

U.S. Army　　　　　　　　　　　　　　　　　　　　　Apr. 2015 - Feb. 2020
Captain　　　　　　　　　　　　　　　　　　　　　*VA, NY, Republic of Korea*

> Led a team of Drill Sergeants to prepare more than 2,000 Soldiers for active duty service as vehicle mechanics. Performed all logistical, administrative, legal, and human resources functions for our unit.

> Managed a team of 3 individuals to ensure that all operations within the organization were well-equipped and on time. Utilized large-scale SAP systems to ensure the timely delivery of over $700,000 of equipment and repair parts to customers.

> Administered procurement and logistical operations by generating operational estimates for fuel, water, and food requirements for an organization of over 4,000 Soldiers during training exercises in a forward-deployed environment.

🎓 Education

Colorado School of Mines　　　　　　　　　　　　08/2022 – 12/2024 (est)
MS, Computer Science　　　　　　　　　　　　　　　　　　　　*Golden, CO*

> Coursework completed: Programming Concepts (C++), Data Structures (C++), & Discrete Math

West Point United States Military Academy　　　　　　　　　2010 – 2014
BS, Mechanical Engineering 3.1 GPA　　　　　　　　　　　　*West Point, NY*