

Pierce H. Jorgensen

He/Him



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Career Objective

Seeking employment in DevOps, Systems Reliability, or Software
3+ years experience

Skills

- 🔗 **Programming Languages:** C++, Python, Java
- 🗣️ **Languages:** English ★★★★★, Japanese ★☆☆☆☆
- 📦 **Content Management:** Git, GitHub, GitLab, Artifactory, DockerHub
- 🔧 **Systems Engineering:** Kubernetes, Docker, Ansible, Helm, AWS
- 🔄 **CI/CD:** Jenkins, GitHub Actions
- ⚙️ **Other:** MatLab, LabView, Blender, Apache, Nginx, Keycloak

Professional Experience

Software Engineer I February 2022 – Present
Jacobs Engineering Kennedy Space Center, FL, USA

- Development and Operations for Launch Control Systems of Artemis I & Artemis II
- Provided CI/CD services using Jenkins and containers as build agents
- Static analysis and testing with Cobertura, CppCheck, Robot, and more
- Improved systems and implemented new tools such as Ansible and Docker
- Automated routine tasks and maintenance to minimize operations and prevent issues

Software Engineer I October 2021 – February 2022
Kutta Technologies - Sierra Nevada Corp. Huntsville, AL, USA

- Worked extensively with C++ and unmanned aerial control software
- Developed testing framework and messaging service to meet NATO requirements
- Followed operational security protocols to ensure safety of sensitive information
- Worked closely with a team of experienced veterans and engineers

DevOps Engineer March 2020 – October 2021
University of Utah Center for High Performance Computing Salt Lake City, UT, USA

- Developed cyberinfrastructure for scientific institutions across the world
- Used Docker, Kubernetes, and Helm to provide one-click scalable applications
- Added applications to the catalogue such as Open OnDemand, an HPC access portal
- Improved the CLI and API services used for deploying applications

Projects

Using SLATE to deploy Open OnDemand February 2021 - Aug 2021
The SLATE project Salt Lake City, UT, USA

- World's first kubernetes deployment of Open OnDemand with [Remote Desktop](#)

Education

B.S. Physics Aug 2016 – May 2021
University of Utah Salt Lake City, UT, USA

- Astronomy & Astrophysics Emphasis