

**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