

# 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