

Spencer C. Imbleau

He/Him

@BLUE ORIGIN 

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Education

Master of Science, Computer Science

Appalachian State University, ABET Accredited

Aug 2020 – May 2022

Boone, NC, USA

- Concentration in Systems
- Summa Cum Laude Honors

Bachelor of Science, Computer Science

Western Carolina University, ABET Accredited

Aug 2015 – May 2019

Cullowhee, NC, USA

- Minor in Mathematics
- National Honor Laureate

Career

Software Engineer II

Blue Origin

Nov 2022 – Present

Cape Canaveral, FL, USA

- Current employment under NDA

Software Engineer II

NASA, National Aeronautics and Space Administration

Sep 2021 – Nov 2022

Kennedy Space Center, FL, USA

- Software engineering of data processing and provision systems of Artemis I, Artemis II
- Deployment and installation of a production, bare-metal RKE2 Kubernetes cluster
- Kubernetes administration and deployment for DevOps and Information Architecture
- Design reviews and analysis tasks for the Space Launch System
- Certified master console operator for the Space Launch System

Lead Research, Teaching Assistant

Appalachian State University, Computer Science Department

Aug 2020 – Aug 2021

Boone, NC, USA

- Performed granted research in vector image modelling and data collection in Rust
- Fully engineered GPU metric sampling tools targeting NVIDIA hardware
- Instructed undergraduate computer science lectures and laboratory exercises

Systems Engineer I

Ingles-Markets, Inc.

May 2019 – Jun 2020

Black Mountain, NC, USA

- Received highest possible annual performance review rating, 2019
- Developed accessible technologies such as training kiosks, time clocks, and VNC portals for over 20,000 employees and 200 retail stores
- Led an initiative of better practice in automation, automating hundreds of routine tasks with safety and reliability
- Unix systems administrator for over 200 production RHEL servers
- Triage for Unix and Linux systems as the highest tier of support
- Routine onsite data center backups and storage engineering

Competencies

🔗 **Primary Languages:** Rust, Python, TypeScript, Java

🗣 **Human Languages:** English ★★★★★, Danish ★☆☆☆☆

📦 **Content Management:** Git, GitHub, GitLab, Artifactory, DockerHub, AWS

🔧 **Systems Engineering:** Kubernetes, Docker, Ansible, Terraform, Flux, Kustomize

🔄 **CI/CD:** GitHub Actions, GitLab CI

🗄 **Databases:** Redis, PostgreSQL, DynamoDB