

Spencer C. Imbleau

He/Him

@ BLUE ORIGIN 

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Education

Master of Science, Computer Science

🏛 *Appalachian State University*

- ABET Accredited University
- Concentration in Systems

Aug 2020 – May 2022

Boone, NC, USA

Bachelor of Science, Computer Science

🏛 *Western Carolina University*

- ABET Accredited University
- Minor in Mathematics
- National Honor Laureate

Aug 2015 – May 2019

Cullowhee, NC, USA

Career

Software Engineer II

Nov 2022 – Present

🏢 *Blue Origin*  **Confidential Employment**

Cape Canaveral, FL, USA

- Research software and systems engineer for Blue Ring
- Delivered software to audit rocket engines to fulfill BE-4 engine delivery
- Received highest possible annual performance review rating, 2023

Software Engineer II

Sep 2021 – Nov 2022

🏢 *NASA, National Aeronautics and Space Administration*

Kennedy Space Center, FL, USA

- Software engineering of data processing and provisioning systems for Artemis I & 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

Aug 2020 – Aug 2021

🏢 *Appalachian State University, Computer Science Department*

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

May 2019 – Jun 2020

🏢 *Ingles-Markets, Inc.*




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

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

💻 **Primary Languages:** 🦀 Rust, 🐍 Python, ☕ Java, 🌐 Various Web Languages

☁ **Cloud:**  AWS,  Certified Kubernetes Administrator,  Docker

🔧 **DevOps:**  GitHub Actions,  GitLab CI,  Ansible,  Terraform,  Jfrog Artifactory

🎨 **UI/UX:**  Figma,  React

🗄 **Distributed Data:**  GraphQL,  SQL,  Redis