



Spencer C. Imbleau *He/Him*

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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
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Career

Software Engineer II

NASA, National Aeronautics and Space Administration

Dec 2021 – Present

Kennedy Space Center, FL, USA

- Deployment and installation of a production, bare-metal RKE2 Kubernetes cluster
- Kubernetes administration and deployment for Information Architecture
- Software and automation engineering for data processing and build systems
- Participation in design reviews and analysis tasks for the Space Launch System
- Certified 243-3 master console operator for the Space Launch System

Lead Research, Teaching Assistant

Appalachian State University, Computer Science Department

Aug 2020 – Dec 2021

Boone, NC, USA

- Instructed weekly lectures and laboratory exercises
- Volunteered office hours with an open-door policy for my students
- Data collection and visualization research in graphic systems and image modelling
- Rust framework developer and library owner for GPU metric sampling tools

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
 - Linux system administrator for hundreds of production Red Hat Enterprise Linux servers
 - Triage for Unix and Linux system issues as the highest tier of support
 - Led an initiative of better practice in automation, automating hundreds of routine tasks with safety and reliability
 - Responsible for routine onsite data center backups and storage engineering
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Competencies

🔗 Languages: Rust, Python, C/C++, Java, JavaScript, PHP, Shell

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

🐧 Platforms: 🐧 Ubuntu, 🐧 RHEL, 🐧 Fedora, 🐧 Raspbian, 🐧 Windows, 🍏 MacOS

🔧 System Engineering: Kubernetes, Docker, AWX, Tower/RHAAP, RHEV-M, VMWare

📁 Content Management: Git, GitHub, GitLab, DockerHub, ArtifactHub

🔄 CI/CD: GitHub Actions, GitLab CI, Travis, Jenkins, Artifactory

🔑 GitOps: Ansible, Terraform, Flux, Helm, Kustomize, SOPS

🗄 Databases: Redis, PostgreSQL