Spencer C. Imbleau He/Him

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Education

Master of Science, Computer Science Aug 2020 – May 2022
Appalachian State University, ABET Accredited *Boone, NC, USA*
- Concentration in Systems
- Summa Cum Laude Honors

Bachelor of Science, Computer Science Aug 2015 – May 2019
Western Carolina University, ABET Accredited *Cullowhee, NC, USA*
- Minor in Mathematics
- National Honor Laureate

Career

Software Engineer II Nov 2022 – Present
Blue Origin *Cape Canaveral, FL, USA*
- Current employment under NDA

Software Engineer II Sep 2021 – Nov 2022
NASA, National Aeronautics and Space Administration *Kennedy Space Center, FL, USA*
- Software engineering of data procesing and provosion 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 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

</> **Primary Languages:** Rust, Python, TypeScript, Java
🆎 **Human Languages:** English ★★★★, Danish ★⯪☆☆
⎇ **Content Management:** Git, GitHub, GitLab, Artifactory, DockerHub, AWX
🐳 **Systems Engineering:** Kubernetes, Docker, Ansible, Terraform, Flux, Kustomize
🅞 **CI/CD:** GitHub Actions, GitLab CI
🗄 **Databases:** Redis, PostgreSQL, DynamoDB