Spencer C. Imbleau He/Him

@ BLUE ORIGIN

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Education

Master of Science, Computer Science   Aug 2020 – May 2022
🏛 *Appalachian State University*   *Boone, NC, USA*
- ABET Accreditated University
- Concentration in Systems

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

Career

Software Engineer III   Nov 2022 – Present
🏢 *Blue Origin* ∞ Confidential Employment   *Remote, FL, USA*
- Introduced ▮▮▮▮▮ organizationally to improve software safety and productivity
- Led and delivered 3 software capabilities for ▮▮▮▮▮, BE-4 Engines, and ▮▮▮▮▮
- 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, TS TypeScript, ⚡ HCL
☁ **Cloud:** aws AWS, 🐄 Rancher, ⎈ Certified Kubernetes Administrator
🖳 **DevOps:** ⚡ Terraform, 🦊 GitLab CI, ⌨ GitHub Actions, Ⓐ Ansible, 🐳 Docker
🗄 **Data:** ◎ Grafana, △ GraphQL, 🐘 SQL, 🍃 NoSQL, ▥ Redis
🖌 **UI/UX:** ⧈ Figma, ⚛ React