

# Trenton Braley

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## Education

**University of South Carolina – Columbia, S.C.**

**May 2026**

- *Bachelor of Science in Computer Science*
- Cumulative GPA: 3.0, Nucor Foundation Scholarship

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## Skills

- **Programming Languages:** Java, C++, Python, HTML, CSS, JSON, MIPS
- **Software Applications:** GitHub, VS Code, Microsoft Suite (Excel, Word, Access, PowerPoint), Adobe Creative Cloud
- **Operating Systems:** Windows XP professional, Linux/UNIX

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## Related Experience

**Starship Technologies – Columbia, S.C.**

**December 2024 – Present**

*Robot Technician Intern*

- Maintain and repair autonomous robots by diagnosing issues and replacing faulty components (electronics, motors, tires) to ensure the fleet maintains a health rate of 92% or higher.
- Perform preventive maintenance and system upgrades, monitor 13 robots for health, run tests, and document results to improve overall system reliability.
- Collaborate with engineering teams to identify design enhancements, perform inventory audits, and assist in troubleshooting operational issues for 33 merchants.

**Hello Worlders Coding Group – Columbia, S.C.**

**July 2024 – Present**

*Project Manager & Developer*

- Lead the development of a Language Learning Application for Children using Java and JSON on VSCode.
- Designed UML diagrams and sequence diagrams for system architecture and workflow optimization
- Collaborated with a team of 5 developers to apply object-oriented programming and agile methodologies for efficient project delivery, ensuring a 1-week sprint cycle and an on-time project delivery.
- Manage project timelines, delegated tasks, and led code reviews to ensure high-quality software development

**Anton and Maxine – Columbia, S.C.**

**August 2024 – Present**

*E-Commerce Photography & Videography Intern*

- Developed visual content (product photography, videography, and reels) optimized for the e-commerce website and social media, improving site engagement
- Collaborated with the development team to optimize images and videos using HTML, CSS, and JavaScript.
- Applied UI/UX design principles to create compelling visuals that aligned with brand guidelines and optimized for customer interaction on the website

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## Personal Projects

- Designed and developed a personal portfolio website using HTML, CSS, and JavaScript, with a focus on responsive design and hosted on GitHub Pages.
- Built and customized high-performance PCs, selecting compatible components and optimizing system configurations for gaming and general use.

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## Relevant Coursework

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|-----------------------------|------------------------|-------------------|-------------------------|
| • Advanced Programming      | • Software Engineering | • Linux/UNIX      | • Computer Architecture |
| • Algorithmic Design I & II | • Computer Networks    | • Calculus I & II | • Discrete Structures   |

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Other Work Experience	
• REI Co-op – Team Advisor	Feb. 2024 – Present
• Uber Eats - Driver	Jan. 2021 – Present
• Best Buy – Sales Advisor	Sep. 2023 – Feb. 2024
• The North Face – Sales Associate Member	Feb. 2022 – Aug. 2023
• Target – Team Member	Sep. 2020 – Mar. 2021