

Patrick Bailey

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Education

University of South Carolina – Columbia, S.C.

May 2026

- *Bachelor of Science in Computer Engineering*
- Cumulative GPA: 2.867, Dean's Scholar, Life Scholarships, UofSC Engineering Scholarship

Skills

- **Programming Languages:** C++, Java, SystemVerilog, HTML
- **Software Applications:** Microsoft Suite (Excel, Word, Access, PowerPoint)
- **Operating Systems:** Linux (Ubuntu, Fedora), Windows 8-11 Home Edition, MacOS
- **Languages:** English

Related Experience

UofSC Makerspace Lab

January 2024 – Present

Makerstaff

- Rapid prototyping using a Bambu X1E with experience working with PLA and TPU.
- Deploying Raspberry Pi 3s to research community-driven projects.
- Designed small-scale projects on Autodesk Inventor.

UofSC Housing

Aug. 2023 – Present

Resident Assistant

- Collaborating with a team of 14 to organize large community events, serving over 300 residents.
- Solving unique issues requiring new solutions on a day-to-day basis with limited resources.
- Attending company-hosted workshops for professional development of soft skills.

A/V Arts Co-op for Dorchester District 2 - Summerville, S.C.

August 2021 – May 2022

A/V Technology Intern

- Utilized state-of-the-art video and photographic equipment to execute assigned projects.
- Employed commercial drones and high-definition cameras for construction site surveys.
- Developed promotional content, including commercials, showcases, and graphics.
- Operated different systems, including an Behringer X32 rig, to support live productions.

Extracurricular Activities

UofSC Formula 1 SAE – Club Member

Oct. 2024 – Present

- Developing electrical systems inside of a mock Formula 1 racing vehicle.

Other Work Experience

• Harris Teeter – Dairy/Frozen Clerk

May 2024 – Present

• Harris Teeter – Customer Service Clerk

Feb. 2021 – May 2024