Luke Peter

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EDUCATION

University of South Carolina, Columbia, SC   Aug 2022 - May 2026

Bachelor of Science in Computer Engineering, minor in Electrical Engineering, GPA: 3.919

Relevant course work: Artificial Intelligence, Information Security Principals, Building Secure Software, Advanced Digital Design, Embedded Systems, Robotics

Honors/Awards: President's List, Capstone Scholar, Palmetto Fellow, Dean's Scholar

PROJECTS & EXTRACURRICULAR

Sentiment Analysis using AI   Nov 2025
- Built and compared AI models to classify IMDB movie review sentiment, demonstrating improved accuracy through fine-tuning a DistilBERT language model

RISV-V Processor   Nov 2024
- Developed a RISC-V processor implementing a 3-stage pipeline, along with a subset of RV32I instruction set, and synthesized onto an FPGA board

University of South Carolina Club Basketball   Sep 2024 - May 2026
- Selected to compete on a highly competitive NCBBA basketball team, demonstrating teamwork, leadership, commitment, and community service

PROFESSIONAL EXPERIENCE

South Carolina Department of Commerce, Columbia, SC   July 2024 - Present
Information Technology Intern

- Assisted in migrating the agency's on-premises server infrastructure to Microsoft Azure, improving system scalability and reliability, and becoming the first SC state agency to become fully cloud-based
- Provided tech support and educated over 100 employees, resolving hardware, software, and network issues

Waiter's Choice Catering, Charlotte, NC   May 2023 – Jan 2024
Caterer

- Devised creative solutions to problems in a high-pressure environment, and trained new recruits for events with over 200 guests

St. Anne's Catholic School, Rock Hill, SC   May 2022 – April 2023
Cleaning/Maintenance Crew

- Collaborated with a diverse team in developing a clean and safe learning environment

SKILLS

Programming languages: Java, C++, Python, RISC-V Assembly, Verilog

Computer software/ frameworks: Microsoft Office Suite, VS Code, Linux command line, Quartus, ModelSim, MATLAB, LT Spice