

# 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 Principles, 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