Joshua Nelson

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	Linkedin profile	linkedin.com/in/joshuayn

Objective

I am a college freshman with experience in Python, Java, and Unix looking for research or a summer internship in Cyber Security, Web Design, Machine Learning, or Software Engineering .

Education

University of South Carolina, Columbia, SC

Bachelors of Science in Computer Science with Honors, 3.667 GPA May 2021
- Algorithmic Design II cse.sc.edu/class/146
- Algorithmic Design I (using Java) cse.sc.edu/class/145
- Computing in the Modern World cse.sc.edu/class/190
- Intro to Linux Systems cse.sc.edu/class/215

Skills

- Languages: Java, Python, Bash
- Experience: Android development; git; Machine Learning; Jekyll web templating; LaTeX; make; markdown; Travis continuous integration; Unix-like systems; web: HTML, CSS, and JavaScript
- Fluent in French, proficient in Spanish

Experience

University of South Carolina, Columbia, SC − Teaching Assistant January 2018 − Present
- Help classrooms of 25 students learn UNIX, git, and make
- Compile further resources in a git repository
- Plan lessons in advance
- Hold office hours weekly

University of South Carolina, Columbia, SC − Research Assistant November 2017 − Present
- Create Convolutional Neural Networks to classify proteins
- Train and Validate results on the AmPEP database
- Predict new proteins as antimicrobial with 98% accuracy

Hillsborough County Public Library, Tampa, FL − Volunteer August 2017
- Collated 300 welcome packets for new volunteers
- Folded about 50 pamphlets for visitor use

Panera Bread, Tampa, FL − Restaurant Associate February 2017 − June 2017
- Served upwards of 20 customers at once during peak hours
- Adapted to four different roles with little notice
- Performed well under high pressure

Awards

- National Merit Scholarship
- Provost Scholar
- Elite Academic Scholar
- Honors Student