Jalil Morris

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Education

Yale University, New Haven, CT   Estimated Graduation: May 2022
B.S. Electrical Engineering / Computer Science Pending   GPA: 3.8

Research Experience

CEYE Research Scholar   June 2017 - Aug 2017

Center for Excellence in Youth Education at the Icahn School of Medicine at Mount Sinai, New York, NY
- Selected for a rigorous 6-week course about Nanotechnology and its applications in biomedical research
- Discussed and utilized various tools and techniques such as electron microscopy and photolithography when working with nanoparticles
- Conducted research and testing alongside decorated scientists and other scholars about motor proteins and delivered a final presentation

CASLAB Undergraduate Research   May 2020 - Present

Computer Architecture and Security Lab at Yale, New Haven, CT
- Conduct research alongside PhD students and other undergraduates to determine the viability of acoustic and electromagnetic side channels
- Use data processing software and scripting to automate data collection and produce robust diagrams to model results

Work Experience

Yale Student Technology Collaborative: Cluster Tech   October 2018 -Present

Yale University, New Haven, CT
- Managed and repaired cluster computers (PCs and Macs) and printers around campus
- Created, updated, and resolved tickets alongside other cluster technicians to ensure the entire campus was running smoothly
- Helped other students at the cluster hubs with their technical issues

Technical Skills

Coding Languages:

Python: Experience using packages such a numpy and scipy to organize and plot data
C/C++: Experience with low-level programming to control hardware devices and microcontrollers
HTML/CSS: Experience in web design using pure HTML5 and Bootstrap
Bash: Experience using Unix commands to organize files and run scripts