Zachery Soles

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Education

West Chester University of Pennsylvania   Graduation: December 2019
Bachelor of Science in Computer Science - AEBT Accreditation
NSA Computer Security Certification
GPA: 3.4   Cum Laude

Work Experience

Aerospace Propulsion Technician   February 2020 - Present
US Air Force
- Inspects, maintains, modifies, tests, and repairs propellers, turboprop and turboshaft engines, jet engines, small gas turbine engines, and engine ground support equipment

DCIS General Clerk   September 2019 - February 2020
County of Chester
- Successfully assisted IT department with imaging, configuration, and deployment of computers and systems used by county staff

Informational Technology Intern   September 2019 - December 2019
Westminster Presbyterian Church
- Provided unparalleled support for analog and digital systems used for mass every Sunday

IS&T IT Help Desk Intern   March 2019 - December 2019
West Chester University
- Deployed and supported university-wide connectivity to the wired and wireless network
- Engineered scripts that automate tasks to promote efficiency

Full Stack Software Developer Intern   June 2019 - August 2019
Kaleido Health Solutions
- Successfully engineered front end and backend of applications using React.js, Redux, and Node.js
- Conserved funding by creating an in-house application using Electron.js, to construct heat maps of user data for use in board room and sales meetings
- Created detailed documentation and Jest unit tests to assist development and QA

Research Assistant   June 2019 - August 2019
West Chester University
- Advanced development of an auto-grader script in Python and Haskell using HUnit, to automatically grade a batch of students' programs

Private Tutor   January 2019 - May 2019
CSC-345, CSC-241 Tutor
- Worked one-on-one with students who sought assistance in mastering Haskell and Data Structures achieving 100% pass rate with tutored students

Leadership Experience

Delta Chi Fraternity   September 2017 - December 2019
Risk Management/ Recruitment Chair/ Philanthropy Chair/ Associate Member Councilor
- Raised over $400 for the Jimmy V Foundation, funding cancer research
- Achieved the largest new member class in fraternity history