

# Zachery Soles

## SKILLS

Frameworks: React.js, Election.js, Redux, Node.js, SwiftUI, UIKit  
Languages: Python, Java, Typescript, Swift, Javascript, Haskell, SQL, C

## EXPERIENCE

**Software Engineer, US Air Force** Oct. 2022 - Present

- Oversee 5 software developers and development of 2 iOS applications using UIKit and SwiftUI for use Air Force wide
- Collaborate and advise on issues for the Chief Scientist of the US Air Force Office
- Research, design, and engineer hardware and software solutions for aircraft maintainers and pilots

**Aerospace Propulsion Technician, US Air Force** Feb. 2020 - Oct. 2022

- Diagnose, overhaul, and perform maintenance on F-16, F-15, and F-35 aircraft and engines
- Inspect and test installed units and support tooling for F-110 engine

**IT Technician, County of Chester** Sept. 2019 - Feb. 2020

- Provided on-site and remote assistance with computer issues for over 2000+ systems

**IT Intern, Westminster Presbyterian Church** Sept. 2019 - Dec. 2019

- Configured, installed, and managed a wide-range of Windows and Mac laptops, along with configuration of printers and associated hardware
- Provided support for weekly livestream with a viewership of 5000+ community members

**Help Desk Technician, West Chester University** Mar. 2019 - Dec. 2019

- Assisted with implementation of new ticketing system, improved customer satisfaction by 40%
- Developed script for automated data analytics for customer service quantity, saving 100+ hours every quarter
- Troubleshoot wired and wireless network, software, and hardware for Mac, PC, and Linux platforms for over 20,000 personnel

**Research Assistant, West Chester University** Jun. 2019 - Aug. 2019

- Coordinated implementation of auto-grading system within the Computer Science department

**Software Engineering Intern, Kaleido Health Solutions** Jun. 2019 - Aug. 2019

- Led development of internal tool using React.js, Election.js, and PowerBI to automate data analytics reducing budget cost by \$50,000
- Improved unit testing and documentation for Planned Parenthood Direct web application

## CERTIFICATIONS

Secret Security Clearance, US Air Force Expires 2030

Security+, CompTia Expires 2026

Military SCRUM Master, Center for Adaptive Warfighting 2021

NSA Computer Security, West Chester University 2019

## EDUCATION

Georgia Institute of Technology — Masters of Science in Computer Science Est. 2024

West Chester University — Bachelors of Science in Computer Science 2019