James Silcott

ACTIVE SECRET CLEARANCE | (907)250-7727 | silcott.jb@outlook.com | www.linkedin.com/in/jbsilcott

Served around the world in 11 countries and accustomed to challenging environments. Led over 4,000 projects and 10,000 personnel demonstrating superb verbal and written customer communication, time management, teamwork fostering and skills to adapt to fast-changing trends. Previously, Chief of Construction Management and Director of STEM and Innovation programs overseeing Presidential projects and Washington D.C. schools. A lifelong teacher amassing over 2,500 students in leadership, code writing fundamentals, problem solving and process improvement. Pursuing a challenging career in Software Development.

SKILLS

- Visual Basic/C#/Python
- JavaScript/HTML/CSS
- Microsoft SQL /Azure
- Typescript /Node.js
- Blender 3D Software
- AutoCAD/ESRI GIS

EXPERIENCE

Microsoft Software & Systems Academy at Quantico, Virginia   **Jul 2020 – Today**
Wrote and tested code daily, programmed projects utilizing C#, SQL, CSS, and HTML, authored Use Cases and Software Requirements Specifications, and designed Activity and Entity Relationship Diagrams for Cloud Application Development
- Learned conceptual frameworks for Web Application development, ASP.NET MVC, and Azure Application Development
- Built, modified and ran 100's of queries against T-SQL databases via SQLite3 and MSQL for data analysis
- Constructed 7 projects showcasing foundational knowledge in executing codes and developing full life-cycle software

Military Career with United States Air Force | 3E4X1 Water & Fuels Systems   **Mar 1997 – Jan 2021**
Director of STEM & Innovation Program for United States Air Force at Washington D.C.   **Apr 2019 – Jul 2020**

Directly supported the Secretary of the Air Force. Partnered with Washington D.C. high schools, pairing students with military STEM related career fields and facilitated elementary and youth programs with STEM fairs and demonstrations
- Deployed to Saudi Arabia, led 33-person expeditionary team, built Visual Basic & Excel dashboard that auto-calculated water deliveries, capacity levels, hours of reoccurring & emergency work repairs, and estimated consumption rates
- Mentored 22 innovators, led brainstorming & problem-solving events, coached innovators for judge panel pitches, liaised base agencies & legal support teams for patenting and garnered two Air Force District of Washington winners
- Instructed Python, 3D modeling software, virtual & augmented reality programs, 3D printing and process improving

Chief of Construction Management for United States Air Force at Washington D.C.   **Jul 2017 – Apr 2019**
- Leveraged M365, AutoCAD & GIS software for tracking 22 Project Managers and 155 MILCON projects worth $1.1 billion
- Streamlined center & database management processes reducing project completion windows by 20%
- Led $350 million Air Force One Hangar construction contract, the base's largest 3-year project plan, directing 220 team members on designs, site layouts, and construction scheduling

EDUCATION & CERTIFICATIONS

Microsoft Software and Systems Academy: Cloud Application Development   **Expected 2020**
    Embry-Riddle Aeronautical University

Microsoft Technology Associate (MTA) 98-361   **2020**
    Microsoft Software Development Fundamentals

Python and Web Developer Courses   **2020**
    (ZTM) Zero To Mastery Academy

Mechanical and Electrical Technology Associates Degree   **2015**
    Community College of the Air Force

ADDITIONAL TRAINING & INFORMATION

- Black Belt in Continuous Process Improvement (CPI) & Six Sigma Practices, United States Air Force
- STEM Educator Trainer Course United States Naval Academy in Annapolis (USNA SET Sail)
- Certified Security Manager of a network secured Joint Personnel Adjudications System (JPAS) database

HONORS

- 2020 Senior Manager and the Team of the Month for E378th Mission Support Group
- 2019 Senior Manager of the Quarter for 11th Wing Staff Agency

PORTFOLIO | https://silcott.github.io/#