Robinson Simon

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PROFESSIONAL SUMMARY

Software Engineer and United States Air Force Veteran with 12 years of work experience. Skilled in critical thinking, communication, and decision-making; exceptional at remaining calm under extreme pressure. Seeking to use acquired knowledge and skills to obtain career in the software engineering field. I am interested in cloud services and full-stack development.

SKILLS

Platforms/Operating Systems:	Windows 7/8/10, Android, Debian, iOS, Mac OS X, Linux, UNIX, Ubuntu
Programming:	C++, C, Python , Java, JavaScript, HTML, CSS, SQL
Technologies/Environment:	Docker, Git, GitLab, GitHub, JSON, Microsoft Access, Microsoft Office, Microsoft .NET Framework, MobaXterm, Postman, PostgreSQL, React, Redux, Visual Studio, VS Code

EXPERIENCE

Software Engineer, CAE USA   Tampa, FL
Intern   July 2020 – Present
- Functioned as part of research and development team to produce realistic aircraft simulator.
- Integrated speech recognition using RASA engine to provide realistic ATC conversations with pilots.
- Created scripted scenarios for simulation.
- Produced updates and new implementations for project utilizing Agile development and Jira task management systems.
- Collaborated with project managers, tech leads, and team members in bi-weekly meetings discussing current sprint responsibilities.
- Experienced in remote work environment.

Software Engineer, SOFWERX   Tampa, FL
Intern   Jan 2020 – Aug 2020
- Produced machine learning component for Zero Trust Network concept to improve speed throughout network.
- Created scripts to simplify and automate tasks.
- Worked with peer development team on analysis, design, and implementation of web app and web service using various programming languages.
- Built software testing schemes; wrote unit tests; verified, demonstrated, and documented the design.
- Developed solutions and created products for both front-end and back-end utilizing various coding languages.
- Published article on ClockWerx project documenting design, implementation, and results.

Contingency Response Group, U.S. Air Force   McGuire AFB, NJ
Continency ATC/Trainer   August 2014- November 2017
- Squadron training manager maintaining and ensuring 130+ employee training for worldwide deployment.
- Certified Landing Zone Safety Officer for military aircraft in austere environments.
- Squadron facility manager maintaining and organizing building maintenance including lighting, ceiling tiles, heat, air conditioning, and computers for over forty-five people.

- Maintained Secret Security Clearance.

Air Traffic Control, U.S. Air Force   McGuire AFB, NJ
Journeyman/Trainer   November 2011- November 2017
- Directed ground and air traffic to ensure safe facility operations. Ensured the separation of aircraft and issuance of safety alerts for 45k+ yearly operations.
- Facilitated numerous inflight and ground emergency situations saving lives and millions of dollars in property.
- Completed and maintained Air Traffic Control skills and training certifications outlined by Federal Aviation Administration and McGuire Air Force Base regulations.
- Trained several apprentices by completing weekly evaluations and assessments that included daily question and answer sessions, simulator, and live training.
- Applied effective and efficient flow of communication between multiple controllers and facilities ensuring utilization of universal phraseology, flight strip markings, and priority of transmissions as outlined in the FAA JO 7110.65V.

EDUCATION

University of South Florida   Tampa, FL
Bachelor of Science in Computer Science   Expected Dec 2020
GPA: 3.86

Hillsborough Community College   Tampa, FL
Associate of Arts in Computer Science   2018

PROJECTS

- Developed mobile selling app (Flip Phone) – built and designed Android app utilizing Firebase database. Allows users to register, sell smart phone devices, on-screen guided picture taking, complete CRUD implementation.
- Website – built and styled modern professional website utilizing JavaScript, HTML, and CSS. www.github.com/robasimon
- Developed scheduling app – CRUD implementation. Allows users to sign up, add employees and shifts to database. Displays current shifts on calendar and on main screen.

HONORS & AWARDS

First recipient of the Norman N. Blankenship Family Scholarship at the University of South Florida.
Dean's list.
United States Air Force -
AF Outstanding Unit Award with 2 Oak Leaf Clusters, AF Good Conduct Medal, National Defense Service Medal, Global War on Terrorism Expeditionary Medal, Global War on Terrorism Service Medal, Air Force Expeditionary Service Ribbon with Gold Border with 1 Oak Leaf Cluster, AF Longevity Service, AF Training Ribbon.

PUBLICATIONS

- https://sofwerx.github.io/docs/ZeroTrustNetwork.pdf
- https://sofwerx.github.io/docs/IRSendValidation.pdf