

Ellis J. Osborn

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Objective: Seeking an entry level or associate software engineering position preferably in the field of aerospace, but open to other opportunities that will utilize my talents. Experience includes TS/SCI clearance with a background in radio frequency theory. I'm eager to learn new concepts. I work well in a team environment as well as independently.

EDUCATION

Bachelor of Science: Computer Science (Software Engineering)

Ira. A. Fulton School of Engineering, Arizona State University

GPA: 3.04/4.0

WORK EXPERIENCE

Army Reserves (MOS – 35S)

Signals Collection Analyst

Phoenix, Arizona

November 2017 – Present

- **Active Top Secret Clearance – TS/SCI**

- Responsible for detection, acquisition, location and identification of foreign electronic intelligence
- Trained in exploiting non-voice communications and other electronic signals to provide strategic/tactical intelligence

Wave Plumbing

IT and Online Sales Coordinator

Phoenix, Arizona

January 2020 – Present

- Troubleshoot software and structural technological issues for a private business
- Perform computer literacy education to employees
- Implemented online vendor and social media presence
- Facilitated the transition to online platforms during the COVID-19 pandemic

Best Buy

Sales Consultant

Phoenix, Arizona

August 2022 – Present

- Consult with customers to find best technology solutions for their needs
- Responsible for sales in computer-based products department and home theater/home audio department
- Develop, maintain, and communicate strong, up-to-date knowledge of products and accessories

RELEVANT COURSEWORK

Completed: Java I & II, Intro to Programming Languages (Languages: C, C++, Scheme, and Prolog), Logic in Computer Science (Language: Prolog), Assembly (MIPS), Data Structures and Algorithms, Intro to Software Engineering, Information Assurance, Probability & Stats Engineering Problem Solving, Digital Design, Discrete Math, Operating Systems, Principles of Programming Language, Intro Theoretical Computer Science, Database Management, Software Analysis and Design, Software QA and Testing, Exploring Data In R and Python, CS Capstone I & II, Linear Algebra, Distributed Software Development, Software Integration and Engineering, Intro to Human Computer Interaction

PROJECTS

Windows App Development for UAV Fuel Cell System (Capstone)

- Developing a Windows Application for Honeywell pilots and technicians
- Collaborated on software to track battery temperature, voltage, current, and overall runtime of flight in real time

ASPX.NET Web Application: Get Weather Data

- Uses RESTful calls to retrieve information from APIs and self made RESTful services
- Developed a GUI where the user inputs latitude and longitude values and outputs the information to the user
- Uses cookies and cache to store the inputted data from the user

Personal Website (ellisosborn.com)

- Developed a personal website to act as a portfolio for personal and academic projects
- Used React.js for framework of the website and Javascript and CSS as front end languages

RELEVANT SKILLS

Languages: Java, C, C++, C#, Python, SQL, Postgresql, R, JavaScript, CSS, Prolog, MatLab

Frameworks: Xamarin, React.js, Node.js, and ASPX.NET

Tools: Linux, Windows, Git/Github, VirtualBox, RESTful and SOAP web services, Web APIs, Command Line

Technical: Microsoft Office Tools, Technical Writing, Technical Communication, Data Visualization, Critical Thinking