

# Ellis J. Osborn

Ejosborn@asu.edu | (951)-703-9847 | www.linkedin.com/in/ellis-osborn

## EDUCATION

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### Bachelor of Science: Computer Science (Software Engineering)

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

GPA: 3.04/4.0

## PROFESSIONAL EXPERIENCE

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### Army (MOS – 35S)

*Signals Collection Analyst*

Phoenix, Arizona

November 2017 – Present

- **Top Secret Clearance – TS/SCI (Sept. 2018 - Sept. 2023)**

- 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
- Facilitate the transition to online platforms during the COVID-19 pandemic
- Taught computer literacy to employees
- Implemented online vendor and social media presence

### 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

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**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

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### 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 (Solar and Wind Intensity)

- 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

## RELEVANT SKILLS

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

**Technical:** Microsoft Office Tools, Technical Writing, Technical Communication, Data Visualization, Critical Thinking, Linux, Windows, Git/Github, VirtualBox, RESTful and SOAP services