Ellis J. Osborn

ellisosborn00@gmail.com | (951)-703-9847 | www.linkedin.com/in/ellis-osborn | www.github.com/ejosborn

Objective: Recent Computer Science graduate seeking an entry-level software engineering position with expertise in full-stack and backend development. Open to diverse opportunities that leverage my skills in React.js, Vue.js, NodeJS, and Flask. Holds TS/SCI clearance with CI Polygraph.

EDUCATION

Bachelor of Science: Computer Science   August 2*019 – May 2023*
Ira. A. Fulton School of Engineering, Arizona State University

WORK EXPERIENCE

Army Reserves (MOS – 35S)   **Phoenix, Arizona**
Signals Collection Analyst   *November 2017 – October 2023*
• **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   **Phoenix, Arizona**
IT Coordinator   *January 2020 – July 2023*
• 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   **Phoenix, Arizona**
Sales Consultant   *August 2022 – September 2023*
• 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: Assembly (MIPS), Data Structures and Algorithms, Intro to Software Engineering, Information Assurance, Probability & Stats Engineering Problem Solving, Operating Systems, Database Management, Software Analysis and Design, Software QA and Testing, Distributed Software Development, Software Integration and Engineering, Intro to Human Computer Interaction

PROJECTS

Instant Messaging Application
• Developed a full-stack messaging application using ReactJS and Flask, facilitating private and group conversations
• Implemented real-time communication features enhancing user experience
• Designed and implemented a status posting feature, enabling users to share updates with their friends

Token Based Authentication System
• Developed a secure authentication system using VueJS and Flask, enabling users to create accounts and log in securely
• Implemented token-based authentication, enhancing security and user data protection
• Integrated SQLite3 for efficient user data storage

Windows App Development for UAV Fuel Cell System (Capstone)
• Collaborated on the development of a Windows application using C# and Xamarin for Honeywell pilots and technicians
• Implemented real-time tracking features to monitor battery temperature, voltage, current, and overall flight runtime
• Contributed to the design and architecture of the application, ensuring reliability and responsiveness for flight data

RELEVANT SKILLS

Languages: Java, C, C++, C#, Python, SQL, PostgreSQL, JavaScript, HTML, CSS
Frameworks: Xamarin, React.js, Node.js, Vue.js, Flask
Tools: Linux, Windows, MacOS, Git/Github, VirtualBox, RESTful and SOAP web services, Web APIs, Command Line
Technical: Microsoft Office Tools, Technical Writing, Technical Communication, Data Visualization, Critical Thinking