

Experience

ExxonMobil: Full-Stack Software Developer 2018 - Present

- Design and build custom web applications from database structure to user interface (WISA)
- Deploy solutions on-prem and in Azure with Azure Pipelines for continuous integration and delivery
- Review Pull Requests and coach newer developers on best practices or common patterns
- Develop console applications for scheduled tasks to automate data synchronization and simple workflows
- Use and create REST APIs to make valuable business data easily accessible across a large organization
- Interface with business customers to gather requirements and carefully communicate concerns about feasibility
- Manage workload and prioritize features across numerous applications and customers
- Administer web servers to resolve errors and monitor application usage

ABB: Software Engineering Intern June 2017 - Aug. 2017

- Program embedded microcontrollers that are designed for upstream oil and gas automation
- Update host application to properly display new functionality and communicate with embedded system
- Contribute to a large code base while maintaining backwards compatibility and improving maintainability

Phillips 66: Vulnerability Management Intern May 2016 - Aug. 2016

- Coordinate with different teams to verify the security of Phillips 66 internal network
- Automated processes through scripting and rule management
- Completed forensic analysis of compromised or suspicious hard drives
- Monitor the network and 'hunted' for suspicious threats
- Participate in incident response exercises
- Presented on threat management best practices for Information Protection Week

Benefitfocus: Database Engineer Intern June 2015 - Aug. 2015

- Learned T-SQL, database management, and business specific standards
- Updated SQL jobs for industry compatibility as well as review teammate changes
- Investigate and correct instances of mishandled sensitive data

Skills & Technologies

- *Programming Languages:* C#, T-SQL, JavaScript, Java, Python, C/C++ and MIPS Assembly
- *Software & Tools:* Git, Visual Studio, .NET Framework, .NET Core, SQL Server Management Studio, IIS, Matlab, ModelSim, Quartus, FidelisXPS, Qradar and Forensic Tool Kit
- *Operating Systems:* Windows and Linux
- *Cloud:* Azure DevOps, Azure Pipelines, Azure App Services, Azure SQL Azure CLI, Azure Active Directory and Graph API
- *Misc.:* Oauth2, Verilog, Bash, zsh, and Powershell

Education

Oklahoma State University Aug. 2014 - May 2018
Bachelor of Science, Electrical Engineering GPA: 3.96
Bachelor of Science, Computer Engineering
Minor in Mathematics

Other Work Experience

Oklahoma State University: Teaching Assistant

Aug. 2017 - May 2018

- Tutor Students During Office Hours
- Grade/Proctor Exams and quizzes

QuikTrip: Store Clerk

June 2015 - Aug. 2015

- Interact with customers to provide positive experience in the store
- Clean store, manage inventory, and prepare food in the QT Kitchen