Sophia Bogert

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TECHNICAL SKILLS

Languages: C#, JavaScript, HTML, CSS, SQL, XML, Python, C++, Java, C
Frameworks/Software: Figma, Adobe Photoshop, Adobe Illustrator, ASP.NET, ReactJs, Flask, Vue, Microsoft SQL Server, Firestore, AWS, Git/GitHub/GitLab, Jira
Certifications: CompTIA Security+

EXPERIENCE

Software Engineer — Apr. 2024 – Present
Lockheed Martin — *Colorado Springs, CO*

- Lead design and front end development of a project creating a .NET website that consolidated 3 websites into 1, saving the customer approximately $200,000 a year and improving user experience and load times
- Developed a .NET website to allow developers to pass data between different GitLab instances, saving the company $18,000 in labor and materials
- Built a report comparison tool in C# to allow the customer to compare report information generated by the product, increasing customer satisfaction and making the product easier to use
- Lead a team for a technical order conversion website project, using .Net, that saves the company $200,000 a year by eliminating the need for third-party software

Software Engineering Intern — Jun. 2023 – Aug. 2023
Lockheed Martin — *King of Prussia, PA*

- Rebuilt a program's website that provides live status of weather satellites around the world leveraging data from a Microsoft SQL database, moving site from .NET framework to ReactJs, decreasing load times
- Redesigned the look and feel of new website to provide a better user experience, making it easier for users to interact with and navigate

Systems and IT Intern — Jun. 2022 – Dec. 2022
Sunderstorm Inc. — *Van Nuys, CA*

- Designed a PDF invoice scraping desktop application, saving the company approximately $10,000 a year
- Created a Flask web application to centralize and optimize a vital part of the company's production process, making other employees everyday tasks easier and saving the company $14,000 a year
- Introduced a multitude of integrations between Slack, Acumatica, and various other 3rd-party APIs by building Slack apps using AWS Lambda, allowing employees to access information to complete their jobs easier, and automating their repetitive tasks

EDUCATION

University of Southern California — Los Angeles, CA
Bachelor of Science in Computer Science, Minor in Digital Entrepreneurship — *Aug. 2019 – Dec. 2023*

- Relevant coursework: Product Design, Computer Graphics, Video Game Development

PROJECTS

MoveIntel Website | *JavaScript, VueJs, AWS, Firestore* — Dec. 2023

- Collaborated with MoveIntel founder to build a website for practitioners to provide remote physical therapy care to their patients effectively

Parkour's Edge | *C++* — Nov. 2022

- Built a multi-level parkour video game using object-oriented programming with SDL library to employ a custom physics engine and collision detection

LEADERSHIP & INVOLVEMENT

Women's Rowing Team — Aug. 2019 – Jan. 2022
Division 1, University of Southern California — *Los Angeles, CA*

- Elected Sophomore and Junior Class Representative by teammates, 2020-2022
- Elected Trojan Athletic Senate Member by coaching staff, 2019-2020