

Anastasia Spencer

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EDUCATION

Bachelor of Science, Computer Science *The University of Alabama*

Graduation Date: May 2025

GPA: 3.825

Minor: Mathematics

Candidate for Master of Business Administration, Financial Engineering

Through the STEM path to MBA, The University of Alabama

Graduation Date: May 2026

EXPERIENCE

May 2025-Present

Software Engineering Intern, Lockheed Martin, Huntsville, Alabama

- Implemented scalable automated testing solutions in C++ using GoogleTest framework enabling unit testing for a system that previously relied solely on manual verification.
- Utilizing Ansible to automate OS hardening and server setup processes across multiple company platforms, enhancing cybersecurity measures and operational efficiency.

*January 2025-
March 2025*

Software Engineering Intern, Windcredible, Lisbon, Portugal

- Built a cost estimation web tool for wind turbine installations using Blazor and ASP.NET Core, enabling clients to calculate potential savings based on location specific inputs.
- Deployed the project internally on a zero cost in house IIS server.
- Integrated global GIS datasets into PostgreSQL database with PostGIS, using pgAdmin for database management and location based queries.

*May 2024- July
2024*

Software Engineering Intern, L3 Harris, Nashville, TN

- Lead a team of interns to develop modular features for defense industry customers.
- Partnered with an active software engineering scrum team for ten weeks.
- Created, using C#, map functionality to our software so that aircraft pilots and crew could more easily navigate out software with a controller. This supports users that require higher refresh speeds and shorter amounts of human input.
- Delivered a feature from the product roadmap, providing direct value to an active project.
- Gained insight into the needs and concerns of users of this software.

*June 2023- August
2023*

Software Engineering Intern, L3 Harris, Nashville, TN

- Played a key role in implementing essential features for the simulator primarily in C#, harnessing proper techniques for optimal performance and improved maintainability.
- Developed an efficient radio simulator which serves as a vital integration tool for four other programs and twenty other developers within the company.
- Ensured that the simulator accurately emulates behavior of the radio, allowing seamless integration with other software programs.

*August 2022 –
December 2024*

Teacher's Assistant for Intro To Engineering, The University of Alabama College of Engineering

- Tutoring students on a weekly basis.
- Gaining experience in teaching, leadership skills, interpersonal skills.
- Assisting students and professors in creating higher quality education.

TECHNICAL EXPERIENCE

Technologies: Blazor, .NET, ASP.NET Core, Entity Framework, MVC Architecture, Cmake, GoogleTest, Ansible

Languages: C#, C++, C, JavaScript, HTML, CSS, SQL

Software Tools: Visual Studio, Git, GitLab, Excel, Azure, Vercel, IIS

PORTFOLIO

<https://github.com/anastasiaspencer>

<https://www.stasias.world>

HONORS

Honors College, Dean's List (Spring 2022, Fall 2023, Spring 2024) President's List (Fall 2022, Fall 2024). Amateur Radio License, UPP Mentor