

# Dakota M. Bell

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• [LinkedIn](#) • [Github](#)

## INTRODUCTION

Results-driven computer science professional with a strong academic background in computer science and a proven track record of successfully completing projects and contributing to team efforts. With expertise in programming languages such as C++, Java, Python, and Fortran, as well as experience with agile development methodologies and version control systems, I possess the technical skills and collaborative mindset necessary to excel in a fast-paced and dynamic technical environment. I am excited to join a team where I can apply my skills and knowledge to help drive business success and deliver high-quality solutions.

## EDUCATION

University of North Alabama– Florence, AL

August 2020 - May 2025

- Bachelor of Science in Computer Science
- Relevant coursework: Data Structures and Algorithms, Concepts of Programming Languages, Computer Organization and Assembly Language Programming, Advanced Object-Oriented Programming, Software Development, Computer Architecture, Operating Systems, Theory and Applications of Database Systems, Programming Languages, Artificial Intelligence/Machine Learning, Networking

## SKILLS

- Languages: Python, C++, Java, MIPSzy, SQL, Fortran, R Studio, Perl, Prolog
- Operating Systems: OpenBSD, Ubuntu, Windows
- Tools: MS Office, Visual Studio Code, Dev C++, HTML, CSS, Vim, Git, Nano

## PROJECTS

NASCAR AI Predictor | Student Programmer

April 2025

- Programmed in Python while applying SKLearn Random Forest Regressor package
- Gathered data from last two NASCAR seasons to predict finishing position for current season (2025) based on a chosen driver and race-track

Shared Password Manager | Quality Assurance Team, Database Team, Peer-Review Team

December 2024

- Participated in code reviews for front-end, back-end, and SQL code, ensuring adherence to standards and optimizing performance.
- Performed testing and debugging on team members' code to resolve issues, enhance stability, and improve integration, using Git for version control and collaboration.

Hunt The Wumpus | Student Programmer

October 2023

- Utilized C++ data structures including pointers to recreate a text-based adventure game "Hunt the Wumpus"

## STUDENT ACTIVITIES / WORK EXPERIENCE

Girls Who Code Chapter at UNA, Florence, AL.

Supporter

August 2023 – May 2025

- Only male who supported meetings and events for women in STEM, per request of the professor in charge of the club, and the club president

Dairy Queen Grill & Chill, Madison, AL.

Grill Lead

June 2018 – August 2020

- Promoted from crew member to grill lead after one year of employment
- Sought out opportunities to ensure the location met or exceeded corporate operating metrics

James Clemens Football, Huntsville, AL.

Team Captain

November 2017 – November 2019

- Elected as varsity football team captain for two years, just one year after joining the team.
- Worked with coaches to create game strategies and shared key information to help the team succeed.
- Reviewed game footage to find areas for improvement and organized training sessions to boost both individual and team performance