

Collin Winstead

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Dresden, TN 38225

SUMMARY OF QUALIFICATIONS

- Highly motivated and determined college student
- Talented problem solver, always searching for the most efficient solutions
- Eager student, continually seeking opportunities to learn
- Proficient in various technologies and languages

EDUCATION

University of Tennessee at Martin

Bachelor of Science in Computer Science; GPA: 3.78/4.0

Martin, TN

Expected May 2022

Relevant Coursework: Web and Mobile Development, Software Engineering, Computer Graphics, Data Mining & Information Retrieval, Data Structures, Algorithm Design & Analysis, Computer Operating Systems

SKILLS

- **Languages:** JavaScript, Python, C#, C++
- **Technologies:** Git, GitHub, MongoDB, WPF
- **Libraries:** Node.js, React.js, Mongoose, Express.js, Axios, Three.js, tkinter, OleDb, WebGL

PROJECTS

- **Learning Algorithms on the Web:** A website that can be used as a tool to learn about algorithms.
 - Implemented the back end of the website.
 - Implemented a back end server, server routes and database models.
 - Implemented http requests to the server from the front end.
 - Link: [Learn Algorithms](#)
- **GambleMania:** A simple app that allows you to play blackjack, three-card poker, and roulette.
 - Worked with a MS Access database to securely store user data.
 - Designed parts of the UI.
 - Integrated design patterns into the app.
- **Cosmological Gravity Simulation:** Simulates gravity between celestial bodies using Three.js.

EXPERIENCE

University of Tennessee at Martin STEM Lab

Computer Science & Math Tutor

Martin, TN

August 2020 - May 2021

- **Responsibilities:** Provided instruction to computer science and math students.

ADDITIONAL EXPERIENCE & ACHIEVEMENTS

- Graduated from Dresden High School as a **Tennessee Scholar** with a rank of 13 out of 82.
- Member of the **National Beta Club** from grade 5 to grade 12.
- **Co-author** of a published abstract of the *Learn Algorithms on the Web* project above.
- Elected as a *Treasurer* for **ACM UTM Student Chapter** at the University of Tennessee at Martin.