

Tyler Moody

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<http://student.delta.edu/tylermoody/webportfolio/>
<https://github.com/T-Moody/>

Education

Saginaw Valley State University
Bachelor of Science in Computer Science

Saginaw, MI
Aug 2018 - Apr 2023

Work Experience

CU-Tech
Computer Technician

Cass City, MI
Jun 2019 - Aug 2021

- Troubleshoot hardware, software, and network issues.
- Responsible for creating, removing, and managing user domain and email accounts.
- Worked on a team to build and maintain networks.
- Used a ConnectWise ticket system to manage active jobs and document work completed.
- Automated user email whitelisting using Java programming.

Projects and Competitions

Full-Stack Marketplace Website *Node.js, Express, MongoDB, REST, Git, HTML, Bootstrap*
<https://tylermoodymarketplace.herokuapp.com/>

- Created marketplace website where users can buy and sell items.
- Backend implements **Node.js**, **Express.js**, and **MongoDB**.
- Used console commands for **Git source control**. Created separate **branch** when adding front end.
- Users can perform various **CRUD** operations that are updated within the database.
- Used **Mongoose ODM** to create and work with schemas.
- Front-end dynamically displays user profile page using **EJS**. Used **bootstrap** for responsive design.
- Used bcrypt to hash user passwords. Passwords are salted with usernames.

Web portfolio *JavaScript, HTML, CSS*
<http://student.delta.edu/tylermoody/webportfolio/>

- A web portfolio where I implemented a mobile-first approach.
- Used **JavaScript** to create blur effects and open users default email app when sending me an email.
- Used **CSS** to make the website responsive to a variety of screen sizes.

National Cyber League Competition *Java, Python, HTML, BASH, Wireshark, Hashcat VMware*
<https://nationalcyberleague.org/>

- Competition consisted of challenges on the topics of cryptography, enumeration and exploitation, log analysis, network traffic analysis, open-source intelligence, password cracking, scanning, web application exploitation, forensics, and wireless access exploitation.
- Consisted of an individual competition and a team competition. Placed in **top 6%** in the individual game. My primary strength on the team was finding exploitations in websites and reverse engineering software.
- This competition provided great insight to possible vulnerabilities to consider when developing software.

Competencies and Skills

Programming Languages:	Java, JavaScript/HTML/CSS, C#, Python, C++, MongoDB, SQL
Frameworks and Libraries	Node.js, Express.js, Bootstrap
Tools:	Git, Trello, IntelliJ, PyCharm, Visual Studio, Hashcat, VMware, Wireshark
Hardware/OS:	Kali, Windows, Unix/Linux, Android
Professional:	Documentation, training, verbal and written communication, technical report writing, complex problem solving