

# Tyler Moody

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

## Education

**Saginaw Valley State University**  
Degree 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 simple 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://cyberskyline.com/>

- 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

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|--------------------------|--|
| 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 |