

# MICHAEL REIFER

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## EDUCATION

### Towson University

*Bachelor of Science in Computer Science (3.87 GPA), Software Engineering Track*

Towson, MD

May 2026

**Relevant coursework:** Object-Oriented Design and Programming, Linear Algebra, Statistical Methods, Web-Based Program, Software Quality Assurance and Testing

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, C/C++, JavaScript/ES6, Rust

**WebTech:** HTML, CSS, Node.js

**Frameworks/Libraries:** Express.js, React.js, Tailwind, Mongoose, JUnit

**Databases:** MongoDB, MySQL, SQL

**Developer Applications:** Visual Studio Code, IntelliJ, Eclipse, Git, Postman

## PROFESSIONAL EXPERIENCE

### Coffee Coffee

*Busser*

Bel Air, MD

Fall 2021

- Assisted customers and made coffee, providing quality service in a fast-paced environment.
- Responsible for stocking and organizing supplies, ensuring cleanliness and efficiency.

## PROJECTS

### 4Chan/Reddit Clone

Fall 2024

Developed a full-stack application which allows for people to create posts, comment on posts, up-vote/down-vote posts, and they are saved to a database. Users can also create accounts and login to the website.

- Using MERN stack (MongoDB, Express.js, React.js, Node.js).
- Deployed with Vercel

### MOJK Stocks

Fall 2024

A full-stack application that uses Cheerio to scrape data from Yahoo.com/finance and displays information on potentially profitable stocks. Users can add stocks to their stock list, sign up, log in, and report bugs.

- Using MERN stack (MongoDB, Express.js, React.js, Node.js).
- Cheerio (node.js package) to scrape the data
- Deployed with Render

### AI in Cybersecurity Research

Spring 2024

Conducted a 10-page research paper on AI applications in cybersecurity in the financial sector.

- Deep dive into the use of methods such as Machine Learning, Artificial Neural Networks, NIDs, GANs, and more.

### Text-Based Game Development

Spring 2023

Collaborated in a team to code a fully functioning text-based game using OOP principles.

- Implemented key concepts such as polymorphism, inheritance, and user input handling.