

MICHAEL REIFER

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EDUCATION

Towson University

Bachelor of Science in Computer Science (3.89 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, Programming Languages

TECHNICAL SKILLS

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

WebTech: HTML, CSS, Node.js

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

Databases: MongoDB, MySQL

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

Rust LOLCODE Compiler

Fall 2025

Developed a fully functional compiler for a made-up "LOLCODE" programming language that was similar to HTML. Programmed in Rust, the compiler would take in a .lol file and convert it to HTML and open the converted file in the browser.

- Using Rust
- Included Syntax, Lexical, and Semantic analysis

EHIREUS Database Application

Fall 2025

Fully functional database application for the needs that the company Ehireus had (for academic purposes). The application supported CRUD operations using a simple GUI for all types of data the company needed to record (i.e., timesheets, clients, employees).

- GUI made using Java Swing
- MySQL used as RDBMS

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

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.