

# 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.