

OBJECTIVE

Seeking an entry-level developmental position with increasingly responsible projects in the fields of Computer Science and/or Cyber Security with a focus on exploring many facets of Computer Science/Cyber Security and utilizing my formal education while bringing an up-to-date and fresh perspective to current and future technology challenges and initiatives.

EDUCATION

Bachelor of Science, Computer Science

Expected: May 2024

Towson University, Towson, MD

GPA: 3.414, Dean's List: Spring 2023, Fall 2023

Towson University Provost Scholarship Recipient

Relevant Coursework:

- Calculus I and II, Discrete Mathematics
- General Computer Science (C++)
- Database Management Systems (SQL)
- Network Security, Data Communications
- Programming Language Design (Java, Lisp)
- Systems Programming (C, Assembly)
- Introduction to Computer Science I and II (Java OOP)
- Introduction to Cybersecurity
- Principles of Computer Organization
- Operating Systems (C, Assembly)
- Software Engineering
- Data Structures & Algorithm Analysis (Java)
- Introduction to Statistical Methods
- Introduction to Cryptography

Projects:

- Smart World Systems: research project on smart agriculture and smart homes covering implementation challenges, processing massive data, integrating and analyzing heterogeneous data, and real-time communication optimization.
- Binary File Reader: creating a C program to read a given binary file and print specific instruction addresses and their operand address, instruction address, opcode, and operands into an output file.
- Mini Programming Language: created mini programming language based on a given grammar. Included lexical analysis/tokenization and syntax analysis using Java, and interpreter using EMACS Lisp.
- Database Management App: used full stack tools to create a Flask app to facilitate a successful database connection and perform CRUD operations while displaying results.
- DNSSEC Research: conducted research into DNSSEC, including how it works, strengths and weaknesses, and future developments.
- ChatBot: created a communication service to allow real time communication and file sharing between multiple clients to one server.

Membership(s):

- Towson University Software Engineering Club (2023) - Collaborative community of students providing resources for success in college and after graduation.
- Towson University Cyber Defense Club (2023) – Collaborative community enhancing cybersecurity skills through hands-on labs and cyber defense competition opportunities.

TECHNOLOGICAL/COMPUTER SKILLS

- Experience with computer programming skills (C++, Java, C, Assembly, SQL, EMACS Lisp)
- Software skills (Microsoft Word, Excel, OneDrive, PowerPoint, OneNote, Outlook, Teams, WebEx, NetBeans, Visual Studio Code, Flask, MySQL Workbench)

CUSTOMER SERVICE EXPERIENCE

Team Member/Server
Seabreeze Restaurant, Mechanicsville, MD

June – August 2023

- Delivered excellent customer service in a fast-paced environment, providing recommendations, taking orders, and ensuring guest satisfaction with attention to detail.
- Recorded orders accurately within the point-of-sales system to reduce errors.
- Received outstanding feedback regarding friendly attitude, excellent communication, and professionalism.
- Demonstrated an ability to handle stress calmly under pressure situations during busy weekends or holidays without sacrificing the quality of product delivered or the level of customer service provided.
- Maintained accuracy of cash transactions.

REFERENCES

Available upon request.