Liam Chen

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Education

University of Maryland — College Park, MD

- B.S. in Computer Science — Aug 2020 - May 2024 — 3.47 GPA

Experience

M&T Bank • Software Engineer Intern (TIP) — Jun 2023 - Aug 2023 — Buffalo, NY

- Built Blazor web application to facilitate employee password change and reset process, able to synchronize across multiple devices and help prevent lockouts
- Replaced existing legacy web app with fast, secure, component driven, modern application promoting code maintainability and reusability

UMD Division of IT • Help Desk Technician — Jul 2021 - Dec 2021 — College Park, MD

- Provided technical assistance, troubleshooting of computer and internet problems, and customer IT support to UMD students, parents, staff, and faculty

Projects

Instagram Webscraper

- Program to obtain and display Instagram follower data by using Selenium WebDriver to scrape the official Instagram website
- Allows users to see who doesn't follow them back on Instagram, and who they don't follow back

Google Tasks Helper

- Program to automate creation and management of todo lists in Google Tasks; automatically creating a new todo list every day with the unfinished tasks from the day before

Discord Bot

- Personal bot for a private Discord server; capable of responding to commands, sending images, read/write JSON, fetching data from Reddit and YouTube, facilitating interaction between users

MicroCaml Interpreter

- Class project to implement a lightweight lexer, parser, and an interpreter for "MicroCaml," a dynamically-typed, simplified version of the OCaml language

Maze Solver

- Class project to find and visualize optimal paths for mazes; implementing depth-first search, breadth-first search, and Dijkstra's algorithm

Skills

Python • Java • C# • HTML/CSS • JavaScript • Ruby • C • OCaml • Haskell
SQL • Git • Blazor • ASP.NET Core • Pandas/NumPy • React • Linux