


Liam Chen

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Experience

UMD Division of IT • Help Desk Technician

Jul 2021 - Dec 2021

Provide customer support, technical assistance, troubleshooting of computer/internet problems

- Interact with UMD students, staff, faculty
- Utilize problem-solving and collaborative skills

Projects

Google Tasks Helper

Program to **automate creation** and management of task lists in Google Tasks

- Implemented Google Tasks API and Python client library

Instagram Webscraper

Program to quickly obtain and display **Instagram follower data**

- Used Selenium WebDriver with Python

Discord Bot

Personal bot for a server on the Discord app

- Respond to commands, send images, read/write JSON, fetch data from Reddit and YouTube, facilitate interaction between users

Maze Solver

Class project to find **optimal paths** for mazes

- Implemented depth-first search, breadth-first search, Dijkstra's algorithm using knowledge of graph theory

Activities

Rubik's Cube Competitions • Organizer, Volunteer

2014 - Present

Assist with scrambling, judging, directing competitors at regional, national, and international competitions

Richard Montgomery HS Drumline • Co-Captain

Oct 2016 - May 2020

Led drumline during performances, taught music, managed repertoire and practice/event schedules

Education

University of Maryland,
College Park

B.S. in Computer Science

College Park, MD

Sep 2020 - May 2024

3.50 GPA

Skills

Java • Python • C

HTML • CSS • JavaScript

Ruby • OCaml • Git/GitHub

React • PostgreSQL

Coursework

Object Oriented
Programming

Advanced Data Structures

Organization of
Programming Languages

Computer Systems

Discrete Math

Linear Algebra

Algorithms

Applied Probability and
Statistics

Computer and Network
Security

Honors

UMD CMNS Dean's List
(Fall 2021)

International Baccalaureate
Diploma Recipient (2020)