

SAWYER BOWERMAN

(443)-739-6785 [Email](#) [LinkedIn](#) [GitHub](#) [Personal Website](#)

Skills: Java, Python, C, C#, C++, Anaconda, Visual Studio, Photoshop, Microsoft Suite, A* and other shortest path algorithms, Union find, BST, Sorting, Version Control (Git & GitHub), Raspberry Pi, Data Processing, Statistical Analysis, Neural Networks

EDUCATION

University of Massachusetts - Boston

Boston, MA

B.S. Computer Science

September 2022 – Present

- **GPA:** 3.55 – Dean's List
- **Relevant Coursework:** Intro. to Computing, Computing w/ Data Structures, Applied Discrete Math, Programming in C & Advanced Algorithms, Calculus I – II, Statistics I, Linear Algebra, Computer Vision, Assembly, Higher Level Languages
- **CS110 Course Teaching Fellow and Grading Assistant:** Led multiple class discussions and facilitated exam preparation

PROFESSIONAL EXPERIENCE

CRK Properties

Baltimore County, MD

Sub-Contractor

May 2023 – August 2023

- Provided exceptional service to customers and resolved home improvement issues professionally
- Assisted clients with over 25 different services, ranging from roofing to tech support
- Worked with CEO to brainstorm the development of a WAN remote leak detector for large-scale buildings to detect and minimize the amount of water lost

Gong Cha

Hunt Valley, MD

Shift Lead

February 2022 – July 2022

- Trained, scheduled, and supervised over 7 employees to maintain and uphold store policies and optimize staffing patterns
- Memorized 125 recipes to meet the needs and expectations of the customer in a short timeframe
- Consistently achieved response times under one minute, ensuring smooth operations

Vote Jobs Maryland

Baltimore, MD

Data Entry & Analysis Operator

July 2021 – August 2021

- Efficiently executed data entry responsibilities with a keen focus on precision and efficacy, ensuring optimal integrity
- Developed an automated filter bot to streamline senator data input by efficiently scraping, filtering, and updating information into the database, reducing manual entry time and improving data accuracy

Barcoding Inc.

Baltimore, MD

Hardware & Software Configuration Specialist

March 2020 – June 2021

- Implemented scalable applications for data extraction analysis, and RFID product tracking
- Configured, prepped, packaged, and shipped over 150 RFID scanners daily to ship to clients, namely DICKS sporting goods, Bed Bath & Beyond, and many more
- Contributed to widescale company growth and direct assistance of the company's CEO

PROJECTS & OUTSIDE EXPERIENCE

Assignment Calendar and Planner

Boston, MA

Personal Projects

December 2022 – May 2023

- Programmed a Calendar/Planner program aimed towards students that informs users which assignments should be prioritized based on due date and weight of grade

Game Engine Manipulation

Boston, MA

Personal Projects

2023-2024

- Programmed an advanced aim manipulation software to determine the shortest three-dimensional vector path from player's crosshair to the enemy's head
- Constituted a fully functional and comprehensive wordle clone so the user can hone skills with more than one "play" a day in linear time complexity
- Programmed a fully functional and automated bot that analyzes in-game market and trades in-game currency using pyautogui and Tesseract Ocr

ACTIVITIES & LEADERSHIP

Share Baby

Baltimore, MD

Regular Volunteer

September 2020 – August 2022

- Helped provide essential materials for baby care to low-income families

Umass Boston Gaming Club

Boston, MA

Club Member

September 2022 – Present

- Aided in creating brackets and attending events with peers to create a welcoming and entertaining environment

Amateur Algorithms Club

Boston, MA

Club Leader

November 2022 – Present

- Worked with a wide group of peers to strengthen and hone their programming and technical skills