

# SAWYER BOWERMAN

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

**Skills:** Java, Python, C, C#, C++, Anaconda, Visual Studio, Photoshop, Microsoft Suite, A\* and 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:** Lead multiple class discussions and facilitated and exam preparation

## PROFESSIONAL EXPERIENCE

### CRK Properties

**Baltimore County, MD**

*Sub-Contractor*

*May 2023 – August 2023*

- Delivered a level of service to all customers and resolved home improvement issues with great care and professionalism
- 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
- Delivered with sub-minute customer service response times to mitigate bottlenecks and ensure a seamless workflow

### Vote Jobs Maryland

**Baltimore, MD**

*Data Entry & Analysis Operator*

*July 2021 – August 2021*

- Proficiently executed data entry responsibilities with a keen focus on precision and efficacy, ensuring optimal integrity
- Scanned and saved documents in database to effectively keep records of essential organizational information
- Meticulously scraped the databases in order to provide the most accurate and up-to-date information on senators

### 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 using pyautogui and Tesseract Ocr

## ACTIVITIES & LEADERSHIP

### Share Baby

**Baltimore, MD**

*Regular Volunteer*

*September 2020 – August 2022*

- Assisted in providing low-income families with proper materials for baby care

### 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