

# Brooke Sexton

---

Brooke Sexton

[brookesexton22@gmail.com](mailto:brookesexton22@gmail.com)

## Skills

---

- Strong problem-solving and analytical skills
- Familiarity with customer service and team collaboration
- Detail-oriented with the ability to manage multiple tasks efficiently
- Proficient in Microsoft Office Suite (Word, Excel, PowerPoint)

## Education

---

### Towson University

August 2023 - Present

Towson, MD

- GPA: 3.667/4.0
- Bachelor's degree in Computer Science
- Expected Graduation Year: Spring 2026
- Some Completed Classes
  - Introduction to Computer Science 1 & 2
  - Data Structures and Algorithms Analysis
  - Introduction to Cyber Security
  - Calculus 1 & 2
- Intermediate knowledge of C++, Java, and Python
- Accepted into Accelerated Degree Program
- Accepted into Master's Program at Towson University
  - Program: Master's of Science in Computer Science
  - Expected Graduation Year: Spring 2027
- Research Completed and Presented
  - Towson Undergraduate Research Day 2025
  - Society for Ethics Across the Curriculum 2025

### Arundel Christian School

March 2019 - June 2023

Hanover, MD

- GPA: 4.0/4.0
- Class rank 1/11
- Maintained straight A's throughout high school education
- Some Completed Classes
  - Trigonometry (2020-2021)
  - Cyber Patriot (2019-2020)
  - Intro to Programming (2019-2020)
  - American Sign Language (2019-2020)

### Anne Arundel Community College

August 2021 - May 2023

Arnold, MD

Program: Early College Admissions Program

## **Experience**

Classes:

- Computing and Information Tech
- College Algebra
- Office Procedures and Tech

---

### **Technical Assistant at Vibrint**

June 2025 – August 2025

- Assisted in the development of quantum computing projects, by implementing and testing quantum circuits and a SIFT algorithm using Pennylane and Python.
- Configured and refined Retrieval-Augmented Generation (RAG) AI tools by connecting models to data sources and testing model updates to improve accuracy and efficiency.
- Participated in daily stand-ups, code reviews, and collaborative debugging sessions to strengthen team communication and workflow visibility.
- Gained hands-on experience with Linux (Ubuntu 24.04) environments, Git version control, and internal server management in a professional software engineering setting.
- Developed strong technical problem-solving and documentation skills by shadowing team members, researching solutions, and maintaining project notes for process repeatability.
- Enhanced understanding of AI, machine learning, and quantum programming concepts, bridging academic theory with real-world applications in government and enterprise technology solutions.

### **Office Manager at the National Security Agency**

June 2023 - Present

- Holds a top-secret clearance
- Manages calendars, conference room scheduling, and supplies for senior management
- Coordinate multiple tasks, ensuring operational efficiency in a fast-paced setting
- Utilize advanced Microsoft Office skills to create and manage documents, presentations, and spreadsheets

### **Panera Bread / Team Lead**

May 2021 - August 2023

- Led a team in a fast-paced environment, preparing and serving food to customers
- Operated as cashier, efficiently processing customer orders and managing phone inquiries
- Addressed and resolved customer complaints, ensuring satisfaction
- Collaborated effectively with coworkers to improve service efficiency

## **High School Work Study at the National Security Agency**

September 2022 - June 2023

- Received a top-secret security clearance, performing tasks in a highly confidential environment
  - Gained hands-on experience in a professional office setting, executing a variety of technical and administrative duties
  - Developed strong organizational and communication skills while working with senior staff
-