Colby Betterton

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EDUCATION

B.S. in Computer Science and Mathematics   **Expected: May 2027**

University of Maryland - Honors College, College Park, MD
- University Honors Program

Relevant Coursework: Object Oriented Programming, Intro to Computer Systems, Discrete Structures, Calculus 3, Linear Algebra, Differential Equations

High School   **Graduated: May 2023**

Dulaney High School, Timonium, MD
- 4.0 GPA, 1560 SAT, 16 APs taken
- President, National Honor Society

WORK EXPERIENCE

Software QA Consultant   **June 2022—August 2023**

Cutera, Inc., San Francisco, CA
- Engineered a script that tested Cutera's API 24/7 with Python, SQL, JSON, and other programs
- Developed skill in industry-standard software such as Git, BitBucket, Postman, Jira, etc.
- Tested daily updates for Cutera's mobile app and collaborated with developers to fix issues

Sales Associate   **August 2021—June 2022**

Dick's Sporting Goods, Cockeysville, MD
- Greeted customers, managed sales, and organized products

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C++, C, HTML, CSS, React
Software: Git, VS Code, Postgres, AWS, BitBucket, Postman, Jira, Windows, Linux, MacOS, Raspberry Pi
Certifications: CompTIA A+ (in progress)

PROJECTS

Cutera API Testing Script   **June 2022—August 2023**
- Programmed a Python script to test Cutera's API 24/7 to ensure transactions would result in clients being charged properly based on their individual data
- Used Amazon Web Services, Postman, Postgre, SQL, Python, JSON, and VS Code

Amazon Echo Light Control   **June 2023**
- Programmed an Amazon Echo to turn on/off lights via a Raspberry Pi
- Used Python, Ngrok, JSON, Amazon Developers' Console, and networking skills

Ground Knight   **December 2022 - April 2023**
- Designed a 2D platformer featuring numerous levels, advanced physics, and collision detection
- Used Python (GDScript), Godot, and art programs

Personal Portfolio   **August 2023 - Present**
- Designed a personal website from scratch to showcase my personal projects
- Used HTML, CSS, JavaScript, and hosting software

Web Scraper   **August 2023 - Present**
- Engineered an app to automatically scrape and aggregate prices into a database based on a given Amazon search result
- Used Python, Selenium, HTML, JSON, and SQL