# CALEB HOLLAND

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## TECHNICAL SKILLS

- Programming**:** Java, C#, JavaScript, HTML/CSS, MATLAB, Python, C and Assembly (Fall 23')
- Frameworks/Libraries: React, Node.js, JavaFX, Junit, Tailwind, Unity, Unreal Engine
- Miscellaneous: Eclipse, Visual Studio, GitHub, Postman, Excel, Photoshop, Illustrator, Blender, NPM, Terminal

## PROFESSIONAL EXPERIENCE

**WEBMASTER**, UNIVERSITY OF MARYLAND CLUB RUNNING                                     MAR 2023 – PRESENT
- Currently overhauling the website, converting from PHP to JavaScript, React, and Tailwind CSS.
- Implemented cost efficient hosting solutions, reducing spending on the website by 75% .
- Serving on the club's board of officers for a 9-month term, helping manage resources for 100+ members.

**ASSISTANT TO THE ASSOCIATE DIRECTOR**, A. JAMES CLARK SCHOOL OF ENGINEERING          SEPT 2022 – AUG 2023
- Developed a project management form using VBA and Excel to organize ongoing construction projects.
- Performing data collection on airborne particles, collecting 120+ samples in a class 1000 cleanroom.
- Digitizing and maintaining over 1500 Graduate Student records for the 2022-2023 Catalog.

**GRAPHIC DESIGN AND AV INTERN**, SOCIETY FOR LEUKOCYTE BIOLOGY                        MAY 2021 – AUG 2021
- Wrote a 20-page Summer Newsletter composed of interviews, awards, ads, etc.
- Designed 3 banners to advertise SLB's summer 2023 schedule of meetings and events.
- Assisted in the tech support for a series of 15 lectures from various researchers from across the world.

## EDUCATION

**B.S. COMPUTER SCIENCE**, UNIVERSITY OF MARYLAND, COLLEGE PARK                        EXPECTED MAY 2026
- Coursework: Calculus I/II, Object Oriented Programming I/II, Linear Algebra, MATLAB, Computer Systems, Discrete Structures, Python for Data Science, Applied Statistics and Probability, Algorithms (Spring 2024), Programming Languages (Spring 2024).  GPA: 3.62/4.0

## PROJECTS

**AUTOMATED STRAVA ACTIVITY DESCRIPTION UPDATER + NODE.JS WEBHOOK**
- JavaScript automation script that uses Node.js webhooks and the Strava API, saving 30+ minutes per week.
- Updates my most recent activity with a random description within 5 seconds of receiving a post request.

**NETWORK BASED GAME CONTROLLER**
- Co-created a mobile app that utilizes TCP socket servers to connect a mobile app to a desktop application.
- Scripting in C# using Unity's framework. Built a simple asteroids game to test the mobile controller.

**PERSONAL WEBSITE**
- Built a personal website using responsive web design principles using HTML/CSS, React.js, and Tailwind CSS.
- SSL certificate web hosting via Vercel. Improving search engine optimization (SEO) via Google Search Console.

## ACCOMPLISHMENTS

**UMD CS 50TH-ANNIVERSARY GRAPHIC DESIGN COMPETITION WINNER**                          2023
- Designed the CS department's 50th anniversary logo that was judged among 13 other outstanding designs.

**DEAN'S LIST**                                                                       2022-23
- Awarded to students who complete a minimum of 12 credits in a semester with a GPA of 3.5 or higher.

**NATIONAL CYBERSTART AMERICA CYBERSECURITY SEMIFINALIST**                             2021
- Awarded to high school students who obtained a minimum score of 20000 in the scholarship challenge.