

Etam Tamo Wonkam

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EDUCATION

University of Maryland

Computer Science Major

College Park, MD

Aug. 2024 – Present

Howard Community College

Associate of Arts in Computer Science

Columbia, MD

Aug. 2023 – Dec 2024

SKILLS

Languages: Java, Python, JavaScript, TypeScript, HTML, CSS, C

Technologies & Frameworks: Git, GitHub, Node.js, Express, Tailwind, React, MongoDB, REST APIs, Vercel

PROJECTS

HitBox | *Python, Pygame, PyInstaller, Game Development*

July 2025 – Aug. 2025

- Developed a 2D physics-based betting game using Python and Pygame with real-time collision detection and interactive gameplay mechanics
- Implemented comprehensive player movement systems with momentum-based physics and engaging retro-style graphics
- Engineered responsive game controls and collision detection algorithms for smooth 60 FPS gameplay experience
- Packaged and distributed cross-platform executable using PyInstaller, enabling seamless one-click installation for end users
- Published fully functional game with complete source code documentation and automated release pipeline on GitHub

Portfolio Website | *HTML, CSS, JavaScript, AOS, Vercel*

June 2025 – Present

- Built responsive personal portfolio website with modern design principles, smooth animations, and dynamic theme switching
- Integrated AOS (Animate On Scroll) library for enhanced user experience with staggered fade-in animations and scroll-triggered effects
- Implemented advanced CSS features including glassmorphism effects, animated backgrounds, and backdrop filters
- Developed interactive JavaScript components including typewriter effects, smooth scrolling navigation, and scroll-spy functionality
- Deployed production-ready application using Vercel's edge network with automated CI/CD pipeline and global CDN distribution
- Optimized for mobile-first design with CSS Grid layouts and cross-browser compatibility achieving seamless user experience

TrackEarly | *MERN Stack, Full-Stack Web Development*

Sept. 2025 – Present

- Developing a full-stack CRUD web application for task and habit tracking with early-stage MVP functionality
- Implemented RESTful API with Node.js and Express, and connected MongoDB database for persistent data storage
- Built dynamic React front-end using TypeScript for type safety and responsive UI, along with Tailwind, for adding, updating, deleting, and viewing tasks
- Integrated GitHub for version control and deployed MVP using Vercel for rapid testing and feedback
- Designed application architecture and workflow focusing on modularity and scalability for future feature expansion

EXPERIENCE

App Dev Club Member | *University of Maryland, College Park, MD*

Sept. 2025 – Present

- * Collaborating on full-stack development projects focusing on building scalable web applications using modern frameworks
- * Working with cross-functional teams to develop solutions for real-world problems, often in partnership with industry sponsors
- * Participating in workshops and networking events to enhance technical skills and professional development opportunities