Oluwadarasimi (Dara) Adedeji

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Education

University of Maryland, Baltimore	Baltimore, MD
Bachelor of Science in Computer Science	*May 2029*
Howard Community College (Dual Enrollment)	Columbia, MD
Dual Enrollment Coursework in Computer Science and Mathematics	*Aug. 2023 – May 2025*
Reservoir High School	Fulton, MD
High School Diploma	*June 2025*

Projects

<u>Icarus</u> | *Dart, Flutter, Riverpod, SVG, Hive* — Open Source
- **Contribution merged into the official Flutter repository**: <u>PR #163934</u>
- **1,000+ users** and **40+ GitHub stars**; organic adoption via community engagement and technical content
- Reduced rendering time by **~50%** through Riverpod-driven state optimizations for high-refresh-rate performance
- Engineered custom coordinate systems, SVG-based map scaling, and drag-and-drop planning for precision strategy design
- Built robust undo/redo and path-smoothing to improve accuracy of user-drawn input; implemented local-first storage with a roadmap for cloud sync

HC Grade Aid | *Flutter, Provider, Firebase* — Student Tool
- **200+ active student users in the first semester**, validating demand and usability
- Partnering with HCPSS for potential **district-wide adoption impacting 20,000+ students**
- Implemented weighted grade logic for AP/Honors with accurate GPA and semester projections

Experience

Amazon	May 2026
Software Development Engineer Intern (Incoming)	*Seattle, WA*

- Secured via the Amazon Future Engineer Scholarship; scheduled for Summer 2026

Hack The Nest	Aug. 2025
Director of Technology Services	*Columbia, MD*

- DMV high school hackathon with **250+ participants**; led technology operations and judging workflows
- Built a **QR code check-in system**, reducing registration wait times and improving event flow
- Developed a **background AI tool** to audit GitHub repos for track adherence and detect potential foul play
- Coordinated outreach to secure sponsorships and partnerships; deployed tools and CI to streamline organizer workflows

Independent Creator	Aug. 2025 – Present
Social Media Influencer	*Remote*

- **124,000+ Reddit views** and **1,000+ YouTube views** for Icarus content; grew TikTok to **1,000+ in one month**
- Used educational content and livestreams to engage community and drive interest in open-source projects

Howard County Hour of Code	Feb. 2025 – Apr. 2025
Article Writer and Web Developer (Volunteer)	*Howard County, MD*

- Authored approachable articles for middle and high school students on software development with Flutter
- Maintained Firebase backend: added content, implemented site updates, and ensured data integrity

Technical Skills

Languages: C#, Dart, Java, Lua, Python, HTML, CSS, JavaScript
Frameworks & Applications: Flutter, React, Unity, Hugo, Jaspr, Blender, Docker, Linux, Firebase, Supabase, MongoDB

Certifications and Awards

Amazon Future Engineer Scholarship Recipient — Apr. 2025
Awarded to top high school seniors pursuing computer science; includes a $40,000 scholarship and a guaranteed paid Amazon internship for Summer 2026
County Executive's STEM Award — June 2024
Lockheed Martin Code Quest Participant — May 2024
Lockheed Martin Cyber Quest Participant — May 2024, May 2023
County Executive's STEM Award — June 2023