

Oluwadarasimi (Dara) Adedeji

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EDUCATION

University of Maryland, Baltimore
Bachelor of Science in Computer Science

Baltimore, MD
May 2029

PROJECTS

Icarus | *Dart, Flutter, Riverpod, SVG, Hive*

Open Source

- **Contribution merged into the official Flutter repository:** [PR #163934](#)
- **1,000+ users** and **50+ 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

CalmOS | *TypeScript, Electron, React, Convex*

Personal Project

- Implemented an Electron desktop shell with tray lifecycle, launch-at-login behavior, and a global Ctrl+E quick-add overlay via BrowserWindow and IPC
- Built a Convex-backed task domain with typed schema, status lifecycle, daily commitments, ritual completion state, and date-horizon planner queries
- Engineered ritual-driven planning flows (morning/evening/reset), drag-and-drop task rescheduling, and a 25-minute focus block overlay synchronized through secure preload IPC

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 – Present

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

- Earned **1 million+ views** and **3,500+ followers** on TikTok by creating educational content on software development and open-source projects

TECHNICAL SKILLS

Languages: C#, C++, Dart, Java, Lua, Python, JavaScript/TypeScript

Frameworks & Applications: Flutter, React, Electron, Tauri, 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

County Executive's STEM Award — June 2023