AYANA GRIFFIN

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EDUCATION

Stanford University   B.S. Computer Science, Expected June 2025

Relevant Coursework (*current): *Programming Abstractions, *Calculus, AP CS A, AP CS Principles
Languages: Python, JavaScript, Java, C++, C, HTML/CSS
Frameworks and Tools: React, React Native, Node, Express, PostgreSQL, Git, Heroku

RELEVANT EXPERIENCE

Curious Cardinals • Teacher, Curriculum Developer   Virtual, March 2021 — Present

- Lead and teach custom, deep-dive coding and web development projects, workshops, and five-week classes to 60+ elementary and middle school students in **Python, JavaScript,** and **HTML/CSS**
- Mentor students through the processes of ideating, creating, and developing passion projects

Google • Computer Science Summer Institute Scholar   Virtual, July 2020

- Engaged in an intensive program to create coding projects using **JavaScript** skills taught by Google engineers
- Led full-stack development of a collaborative final game and orchestrated a live demonstration to employees

US Department of State • US Ambassador in Africa   Ghana, West Africa, Sept 2019—Mar 2020

- Selected as one of five high school students nationwide to build bonds between the US and Ghana by serving as a US ambassador, living with a host family, attending a local school, and fully immersing in Ghanaian culture
- Presented experiences of bridging the cultural gap between the US and Ghana to the US Department of State

Carnegie Mellon University • Summer Academy for Math & Science Scholar   Pittsburgh, PA, June—Aug 2019

- Learned fundamental Python skills from Carnegie Mellon professors to create 5 individual coding projects
- Invented and developed a sensor using hardware, C, and IoT technology to notify users if they left their house without their essentials
- Fostered a supportive community of 100+ students in underrepresented groups in STEM through collaboration and social events

PROJECTS

Develop for Good • Mobile App   April—July 2021

- Automated Computers2Kids San Diego's process of getting laptops to students from low-income backgrounds by developing an Android and iOS app using React Native, Node.js, Express.js, Salesforce, and Heroku.
- Developed features including applying for and ordering a laptop, requesting tech assistance, and tracking order status, helping the organization expand its reach to a national audience

BrowserBug • Chrome Extension   Aug—Dec 2020

- Collaboratively developed a Chrome extension using **Java, JavaScript,** and **HTML/CSS** to help users feel less lonely, be more motivated, and prioritize their well-being while doing virtual work by giving a virtual companion

AWARDS

Best Hardware Hack
TechTogether Boston, November 2020

Best Environmental Hack
Hack for the People, August 2020

3rd Place Advanced Winner
MelonJam Hackathon, August 2020

Aspirations in Computing Award
National Center for Women & Information Technology, March 2019