

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 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 San Diego Computer2Kid'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