

# Ayana Griffin

Computer Science Student @ Stanford University

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## Education & Skills

### Stanford University • Bachelor of Science in Computer Science

Stanford, CA, June 2025

Relevant coursework: Programming Abstractions, Computer Organization and Systems, Computability Theory

Languages/Frameworks: Python, JavaScript, Java, C#, C, C++, HTML/CSS, React, React Native, Node, Express, PostgreSQL

Organizations: Women in CS, Society of Black Scientists and Engineers, Stanford Summer Engineering Academy

## Relevant Experience

### Black Girls CODE & Curious Cardinals • Teacher & Mentor

Remote, October 2020 — Present

- Lead and teach deep-dive coding and web development projects, workshops, and five-week classes to 60+ elementary and middle school students using custom curriculum in **Python**, **JavaScript**, and **HTML/CSS**
- Mentor students through the processes of ideating and programming 3-6 month passion projects and hackathons

### Google • Computer Science Summer Institute Scholar

Remote, July 2020

- Engaged in an intensive program to create 12+ 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, September 2019 — March 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 10 US Department of State members

### Carnegie Mellon • Summer Academy for Math & Science Scholar

Pittsburgh, PA, June 2019 — August 2019

- Learned fundamental **Python** skills from Carnegie Mellon University professors to devise 5 individual coding projects
- Invented and constructed a sensor using **C** and IoT technology to notify users if they left home without essentials
- Fostered a community of 100+ students in underrepresented groups in STEM through collaboration and social events

## Projects

### Computers2Kids • Mobile App | [Case Study](#)

April 2021 — 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 5+ features including applying for and ordering a laptop, requesting tech assistance, and tracking order status, helping the organization expand its reach from southern California to a national audience

### BrowserBug • Chrome Extension | [Github](#) [Website](#)

August 2020 — December 2020

- Collaborated with a team of three to launch a Chrome extension to help 75+ users feel less lonely during remote work
- Spearheaded user customization features, pioneered a website from scratch, and overhauled front-end codebase for consistency, reusability, and optimization by utilizing **Java**, **JavaScript**, and **HTML/CSS**

## Awards & Recognitions

Best Hardware Hack • TechTogether Boston

Best Environmental Hack • Hack for the People

3rd Place • MelonJam Hackathon

Aspirations in Computing Award (Regional) • National Center for Women & Information Technology