

# 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 (\*current): \*Programming Abstractions, AP Computer Science A

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

## Relevant Experience

**Curious Cardinals & Black Girls CODE • 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**