

AYANA GRIFFIN

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EDUCATION

Stanford University • Stanford, CA

B.S Computer Science, Expected June 2025

Pattonville High School • Maryland Heights, MO

Aug 2016 — June 2020 (Gap year 2020-2021)

Relevant Coursework: AP Computer Science Principles, AP Computer Science A

GPA: 4.651 weighted, 4.0 unweighted

TECHNICAL SKILLS

Languages: Javascript, Java, Python, HTML, CSS **Libraries:** React, React Native, Node, Gatsby **Tools:** Figma, Git, Postgres, Heroku

EXPERIENCE

Black Girls CODE • Teacher, Mentor

Virtual, October 2020—Present

- Mentored middle and high school students through the processes of ideating, creating, and developing coding projects
- Developed and taught curriculum for STEM career fairs to inspire students to pursue interests in coding

Google • Computer Science Summer Institute Scholar

Virtual, July 2020

- Participated 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 Google employees

US Department of State • US Ambassador

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 adapting to and 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 and Science Scholar

Pittsburgh, PA, June 2019 — 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 • App Developer

Mar 2021 — Present

- Automated Computer2Kid's process of getting laptops to students from low-income backgrounds and helped the organization expand their reach by developing an Android and iOS app using **React Native and Heroku** where families can request laptops and tech assistance, track their order status, and keep up with Computer2Kids events

Trill Project • Web Developer

Jan 2021 — Present

- Developed a web-app for Trill Project, a mental health-centered social media app with over 75,000+ users
- Led front-end development of web-app in **React**, as well as API integration one-on-one instant messaging, and group chat instant messaging
- Worked on full redesign and redevelopment of trillproject.com using **Webflow, JavaScript, HTML and CSS**

BrowserBug • Web Developer, Designer

Aug 2020 — Dec 2020

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

AWARDS

Best Environmental Hack, Pale Blue Dot Award

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

Best Hardware Hack

TechTogether Boston, November 2020