

# Booker Robinson

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github.com/bookeraswan

## EDUCATION

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University of Puerto Rico Mayaguez

Aug 2021 - PRESENT

**Computer Science and Engineering – Attending**

## EXPERIENCE

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**Google – SWE Intern**

May 2024 - Aug 2024

Worked on YouTube Commerce Team which facilitates all paid products on YouTube. Worked on a project to instrument logging to improve the reliability of purchase journeys.

- Worked collaboratively on designing and presenting a design document.
- Aligned the design with relevant stakeholders.
- Implemented the design with tests in C++.
- Manually executed test cases to validate the end to end logging of the purchase journey.

**Google – STEP Intern 2nd year**

May 2023 - Aug 2023

Worked with an innovative new product for local publishers and users alike that brings local news and useful information to a broad cross-section of users and readers.

- Built a new section within the platform that focuses on news from local celebrities and publishers. This section contained articles and twitter content.
- Worked mainly on the backend, built a data client that retrieved and processed relevant content from an internal api.
- Built unit tests to achieve effective test coverage for all of my code.

**Google – STEP Intern 1st year**

May 2022 - Aug 2022

Worked on an internal debugging Tool within Google Play.

- Improved navigation by implementing the frontend for an autocomplete feature that allowed users to search for their valid justifications without having to leave the tool.
- Improved productivity and debugging velocity of 150+ engineers with this highly requested feature.
- Created Unit Tests with Jasmine and an internal screenshot diff testing framework.
- Used languages: Typescript, CSS, and an internal HTML template language.

## SKILLS

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**Programming languages:** C/C++, JavaScript, Python, R, Typescript, HTML/CSS, Kotlin

**Frameworks:** NodeJS, OpenFrameworks, Arduino, Jasmine Unit Testing, JUnit Testing

**Tooling:** Git/Github, Linux, VScode, Vim

## Projects

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**Server library in C/C++**

Designed and implemented a light framework for building server-side applications on top of the linux sockets api. Supported features include user sessions, rest api support, and secure serving of static resources. Future work includes implementing a request priority queue.

**The Color Green**

Developed a social media web app with NodeJS and MongoDB aimed towards people who want to share eco-friendly projects and ideas.