

Somtochukwu A. Nwagbata

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Education

Georgia Institute of Technology | Atlanta, GA

August 2021 – May 2025

Bachelor of Science in Computer Science

Projects

HCBE Alerts | Dart, Java, Flutter, Firebase

- A mobile app designed to alert all school staff and School Resource Officers of any emergency going on campus.
- Utilized Firebase development platform for the backend of the app; used Dart and Flutter for Frontend.

HCHS PBIS | Dart, Flutter, Firebase

- An app for promoting positive behavior among students through a school reward points program.
- Utilized Firebase development platform for the backend of the app; used Dart and Flutter for Frontend.

Open-Source Contribution

Parabeac | Dart

- Refactored the software's argument parser to improve efficiency and reduce errors.
- Expanded efforts to bring native Windows support for the software to access more users.

Experience

Rigby's Water World

June – August 2021

Guest Services Representative

Warner Robins, GA

- Helped over 500 guests each day to access the various services the park offered while working at different stations of the water park.
- Assisted guests with their reservations and with purchasing tickets through the POS system.

Organizations

Hold a Hand Project

January 2018 – Present

Technical Manger

Austin, TX

- Developed the organization's website and handled its search engine optimization (SEO).
- Upgraded the organization's donor management system to better track donations.
- Utilized HTML, CSS, JavaScript, SQL, and PHP in building several aspects of the website.

Awards

- **2019 Congressional App challenge District Winner** – United States House of Representatives - January 2020.
- **2020 Congressional App challenge District Winner** – United States House of Representatives - January 2021.

Skills

Programming Languages: Dart, Java, JavaScript, PHP.

Technologies: Flutter, Git, GitHub, Google Firebase.

Languages: English (fluent), Igbo (native), French (beginner).