

Ibiyemi Abiodun

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[laptou](#)



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Education

Cornell University, College of Engineering • expected May 2023

Majors: electrical & computer engineering, computer science

Honors: Rawlings Presidential Research Scholar (< 2% of Cornell students), Dean's List

Coursework: ECE 2300 (Digital Logic & Computer Org.), CS 2110 (OOP & Data Structures in Java)

Google CSSI/Coursera • completed August 2019

Coursework: Algorithms on Graphs, Algorithms on Strings

Skills

Languages: Rust, TypeScript, JavaScript, Python, Java, C#, Kotlin

Technologies: Vue, React, Angular, MongoDB, Webpack, Node, Linux, Electron, OpenGL, Android

Work

Frontend Intern, Google Cloud

May 2020–August 2020

Working in a small group to create flexible **Angular** components for displaying information on the Google Cloud Dashboard, reducing the duplication of code and streamlining the process of adding new features.

Research Assistant, Cornell Future of Learning Lab

March 2020–present

Reworking a Scratch-like game written in bare-bones **JavaScript** used to teach programming to high-schoolers to see if it can be used to test programming proficiency in college students, compared to a written assessment.

Platform Engineer, Cornell University Unmanned Air Systems

October 2019–present

Wrote containerized programs in **Rust** that mock the behaviour of a hardware gimbal to streamline testing for other engineers, paired with a **WebGL** visualization of position and orientation of virtual plane and gimbal for verifying correct behavior.

Intern, Georgia Tech Research Institute TMPO

June 2018–July 2018

Wrote **Vue** frontend in **TypeScript** and **Flask** backend to process, aggregate, and visualize real-time sensor readings for an IoT security system being developed in a team of four, allowing the user to gain intuitive understanding of the nature of any breaches.

Projects

Rain 2D • [GitHub](#)

A hardware-accelerated SVG graphics renderer and editor I wrote in **C#**.

Reactions • [GitHub](#) • [Telegram](#)

A **TypeScript** bot that brings Facebook Messenger-like reactions to Telegram.