

Samuel Olatunbosun

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Education

The University of Texas at Austin

BS. Electrical and Computer Engineering Honors

August 2022 - May 2026

GPA: 3.72/4.00

Technical Skills

- Proficient in C, C++, Java and Python
- Experience with HTML, CSS and Javascript
- Proficient in Microsoft Word, Powerpoint, and Excel

Honors and Awards

- University of Texas university honors
- Friends of Alec Scholarship
- David Jones Scholarship in Engineering
- State Farm STEM Scholarship
- Dallas College Sustainability scholarship
- Phi Theta Kappa Honors Society

Experience

Business Analyst Intern

- Wrote user stories, Acceptance Criteria, and Test Scenarios for Church Marshall web application
- Utilized SQL to search through the databases of the Church Marshall web application
- Changed the user interface of the church marshall application and increased app use by 7%

Personal Portfolio Website Project

- Built and Designed a fully functional and fully responsive personal portfolio website
- Utilized HTML to build the body of the website, and CSS and JavaScript for additional functionality of the website
- Repeatedly update and refresh the website with updated information and added features

Embedded System “Space Invaders” Remake (C++/ ARM)

- Created a printed circuit board to be interfaced with Texas Instruments TM4C123, to create a hand-held game console
- Designed Digital-to-Analog Converter (DAC), Analog-to-Digital Converters (ADC), and UART Protocols
- Implemented a game engine in C++ that featured movement mechanics, obstacle detection, sound production and pixel art converted

UTeach Tutoring

- Acquired certification to teach advanced placement computer science courses which utilize Java, Python and Scratch
- Taught Advanced Placement computer science course work to highschool students in order to prepare for annual Advanced placement test

Electrical and Computer Engineering Advisor

- Advised the 2500 students in the department of Electrical and Computer Engineering in the University of Texas at Austin on course work and degree planning
- Aided 30% of the Universities students to graduate on time through strategic course planning and intense research