

ZUHAIR AL ARAF

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EDUCATION

Georgia Institute of Technology | Atlanta, GA

September 2022 – Present

Bachelor of Science in Computer Science, GPA: 3.86

Expected Graduation, December 2025

Deira International School | Dubai, UAE

September 2020 – July 2022

International Baccalaureate, 43 points

September 2018 – June 2020

IGCSE Certificate, 9 A*s

RELEVANT COURSEWORK & SKILLS

Coursework: Object-Oriented Programming, Data Structures & Algorithms, Computer Organization & Programming, Discrete Mathematics, Objects & Design

Programming: Java, Python, JavaScript

Automation Testing: Selenium, BackstopJS

Hardware: Raspberry Pi, Arduino UNO

Software: VS Code, Eclipse, IntelliJ IDEA, PyCharm, Android Studio

Communication: Design proposals, technical reports, presentations

Languages: English (fluent), Bangla (native), Arabic (conversational), Spanish (beginner)

WORK EXPERIENCE

Flydubai | Dubai, UAE

Web Testing Intern for IT Commercial & Planning Department

May 2023 – July 2023

Identifying, documenting, and reporting web element bugs while conducting extensive testing on primary and background booking sites. Used BackstopJS for visual regression and Selenium for end-to-end workflow tests, ensuring optimal site performance and user experience.

Al Futtaim Group | Dubai, United Arab Emirates

Interning as Assistant to Chief IT Architect

July 2020

Working alongside the IT department of the Al Futtaim Group - leading holding company with subsidiaries in auto and commercial finance, banking and insurance, and real estate services – to undertake a company-wide cloud migration project using the Microsoft Azure cloud platform.

PROJECTS

Class Scheduler App - Objects & Design Class | Georgia Institute of Technology

January 2024

Android Studio app to help students organize classes, assignments, exams and miscellaneous tasks.

- Input, edit, delete and display class details (course name, time, instructor).
- Add, edit, delete and display assignment and exam details (title, associated class, due date).
- Create, manage and filter to-do list tasks.

HyperJackets - Electronics & Aerostructures Team | Georgia Institute of Technology

September 2022 – December 2022

Research, design, and test Hyperloop pod concepts to improve high-speed ground transportation systems.

- Microprocessor design and configuration on Arduino UNO using pyFirmata.
- Ground station web interface construction to display integrated sensor readings.
- CNC milling and machining of structural components.