Zackarya Umar

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Adaptable Computer Science major (3.9 GPA) currently attending the University of Texas at San Antonio aiming to leverage skills in JavaScript, Java, C and other programming languages and existing knowledge in software development at an internship to further grow my abilities.

EDUCATION

University of Texas at San Antonio   **May 2024 (Anticipated)**
Bachelor of Science in Computer Science   *San Antonio, TX*
- GPA: 3.9/4.0
- Awards: Dean's List (Fall 2020, Spring 2021)
- Relevant Coursework: Computer Programming II, Data Structures, Application Programming, Discrete Mathematical Structures, Mathematical Foundations of CS

Samuel Clemens High School   **May 2020**
High School Diploma   *Schertz, TX*
- GPA: 3.97/4.0
- Awards: Magna Cum Laude, International Baccalaureate (IB) Diploma

WORK EXPERIENCE

University of Texas at San Antonio   **Aug. 2021 – Present**
Computer Science Tutor I   *San Antonio, TX*
- Tutoring Programming I for Computer Science, Computer Programming II, and Data Structures
- Facilitate tutoring both in-person, through the UTSA CS Main Lab, and online through Zoom
- Provide private instruction to individual or small groups of students to improve academic performance, improve occupational skills, or prepare for academic or occupational tests
- Review class material with students by discussing text, working solutions to problems, or reviewing worksheets or other assignments

Grand Donuts   **Aug. 2018 – Aug. 2021**
Cashier/Crew Member   *Cibolo, TX*
- Received payment by cash, check, credit cards, vouchers, or automatic debits
- Took food orders and relay orders to kitchens or serving counters so they can be filled

PROJECTS

- **newspaper_snippets:** Created an Instagram/Twitter Bot using Python that posts cropped scans of newspapers from exactly 100 years ago daily. Uses computer vision to identify areas of interest such as advertisements and pictures from the newspapers
- **Hospital Finder:** Created a prototype app using Google Flutter that allows you to compare hospital prices for "shoppable" services in your area on a map. Based on the new CMS Hospital Transparency Rule

SKILLS & INTERESTS

- **Skills:**
  - **Coding:** Proficient in Java, TypeScript and JavaScript, Python, Dart. Familiar in C.
  - **Technologies/Environments:** Windows, MacOS, Linus, Microsoft Office 365, Git
- **Interests:** Coding; 3D Printing; Painting; Tennis, Running (sometimes)