Freddy Velasco

Senior Computer Engineering Undergraduate at Texas A&M University

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Motivated, first-generation Aggie committed to developing skills in electrical design, software engineering, and the engineering design process. Eager to collaborate with like-minded individuals. Proficient in multiple programming languages. proven leader in collaborative projects, and always striving to bring a professional and positive attitude while delivering exemplary results.

EDUCATION

Texas A&M University   **College Station**, TX
Bachelor of Science - Computer Engineering   *August 2019–Present*
Current GPA: 3.196

- Relevant/Significant Coursework:
    - Data Structures and Algorithms: implementation of abstract data types and their associated algorithms
    - Electronic Circuits - linear circuit analysis; electrical design focused on operational amplifiers, diodes, transistors
    - Computer Architecture and Systems - simulation of computer operation; CPU and memory organization; microprogramming
- Extracurriculars
    - Society of Hispanic Professional Engineers- volunteer event, socials
    - Aggie Coding Club - workshops, socials, career development
- Expected Graduation in Fall 2023 with specialization in software and embedded systems

RELEVANT EXPERIENCE

Northwest Vista College   **San Antonio, TX**
Computer Lab Assistant   *May 2022–August 2022*

- Maintained the infrastructure of NVC's computer labs in with a diverse and dynamic team
- Collaboratively developed and delivered several presentations to NVC students and local community members

TECHNICAL SKILLS

- Software
    - Proficiency in Python, C++, Java, HTML/CSS, Javascript, Matlab, SQL, and several other programming languages
    - Experience with AutoCAD, Revit, and Inventor over multiple projects
- Electrical Design
    - Advanced knowledge in rudimentary circuitry design and microcontroller integration
- Project Development
    - Proven expertise with project presentation, Agile development, and Gantt management

ADDITIONAL INFORMATION

- Experience in service-based position demanding significant customer interaction and team-based labor
- Current interests in game design in Unity 3-D engine and personal web development projects
- Natively fluent in Spanish, with limited experience in bilingual presentations