Joshua Silva

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Objective

To gain professional software engineering experience while enrolled in college. I'm looking for a part-time position during Spring or Fall, and a full-time position during the Summer.

Education

BS | FRESHMAN | THE UNIVERSITY OF TEXAS AT SAN ANTONIO

· Major: Computer Science
· Cumulative GPA: 3.81/4
· Related coursework: Essence of Computer Science, Computer Programming II

HS DIPLOMA | MAY 2022 | BOWIE HIGH SCHOOL, AUSTIN, TX

· GPA: 4.26/5
· Related coursework: Intro to Web Development, AP Computer Science Principle, Projects in CS
· Awards: **CTE Award in Computer Science (2022)** – The recipient is chosen by CS department and is **awarded to a CS student** who displays an evident skill and passion for computer science

Skills & Abilities

PROGRAMMING LANGUAGES | Problem solving using data structures and algorithms

· Advanced Python and C
· Intermediate Java, Rust, and JavaScript/TypeScript

DATA SCIENCE/MACHINE LEARNING

· **Machine learning and data science** tools such as Sci-kit Learn, Pandas, NumPy, and TensorFlow
· **Read and comprehend literature** related to Machine Learning, Computer Vision, and Natural Language Processing

WEB DEVELOPMENT | Develop **full-stack web apps**

· Intermediate HTML, CSS, and JavaScript/Typescript
· Skilled with modern web frameworks such as React.js, Next.js, TailwindCSS, tRPC

Experience & Activities

TECHNICAL LEAD | ICODE, LLC | AUG. 2021 – PRESENT

· Taught 1000+ future innovators technical coding skills through project-based instruction

ACM UTSA | JR TECHNICAL OFFICER | JAN. 2023 – PRESENT

· Helping with developing membership portal features and streaming meetings

ROWDY CREATORS| PROJECT LEAD | JAN. 2023 – PRESENT

· Leading the development of a full-stack web app to crowd-source data collection and labeling for ML

BOWIE CODER CLUB | LEADER | OCT. 2020 – MAY 2022

· Conducted weekly meetings to discuss various programming topics and projects