

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

- Final GPA: 4.26/5
- Related coursework: Intro to Web Development, AP CS Principles (5), AP CS A (4), 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
- **Modern web technologies** such as React.js, Next.js, TailwindCSS, Prisma, and tRPC

Experience & Activities

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

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

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

- Helping with developing membership portal features and streaming meetings

PROJECT LEAD | ROWDY CREATORS | JAN. 2023 – PRESENT

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

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

- Conducted weekly meetings to discuss various programming topics and projects