

Eduardo Alvarez Hernandez

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EDUCATION

Texas A&M University (TAMU)

Bachelor of Science in Computer Science

Anticipated Graduation: May 2025

GPA: 3.88

Currently taking: Foundations of Software (JavaScript, HTML, CSS, etc.), Intro to Programming Systems (C++), Intro to Statistics (R).

Relevant Coursework: Data Structures and Algorithms (C++), Discrete Math, Calculus I & II, Computer Organization, Computer Programming Sci/Engr (C), Programming Languages (Haskell & Java), Linear Algebra.

The University of Texas at El Paso (UTEP)

Bachelor of Science in Computer Science

Fall 2020 – May 2022 (Transfer)

GPA: 4.00/4.00

Technical Skills: Java (2 years), C++ (1 year), C (1 year), Python (6 Months), Haskell (6 Months), HTML (6 months), CSS (6 Months), Logisim (6 months), Photoshop (6 months)

Spanish Native Speaker

Honors and awards:

- UTEP's College of Engineering Dean's List
- The National Society of Collegiate Scholars member
- The Society for Collegiate Leadership & Achievement member

Fall 2021-May 2022

Spring 2021-Present

Fall 2020-Present

Diploma in Social Media Sales and Bots

May/2019

Live Growth Digital Marketing Agency

- Learned about marketing strategies using Facebook and Instagram ads.
- Promoted products through digital sales strategies to have bigger number of interactions.

Projects

Y86-64 Processor Design and Implementation

May 2023

- Designed with Logisim a Y86 64-bit one core sequential processor.
- Developed the processor's sub-circuits (Fetch, Decode, Execute, Memory, Write Back and PC update).

Hangman, personal project

October 2022

- Implemented a console-based hangman where the player can select a difficulty and category word, typing characters in order to discover the word and get the highest record or build the hangman. C.

Introduction to Computer Science, class project

October 2021

- Implemented a console-based video game where the player can move in different directions on a board, facing different challenging scenarios where the outcome depends on player's decisions. Java

EXPERIENCE

PwC Remote Extern (Consulting)

June 2023 – August 2023

- Worked with Big Thought to learn about nonprofit sector basic concepts and giving trends.
- Conducted research on similar entities and understand how they produce funding, including their current funders, fundraising best practices, etc.
- Created a final presentation highlighting insights and trends from my research into the fundraising landscape and recommendations on the best funder personas to pursue.

Social Media Administrator and Management

September 2018 – November 2019

Churro Burro, Restaurant

Durango, Mexico.

- Created and managed Facebook and Instagram accounts by implementing ad campaigns for business and product promotion with investments of 60 USD.
- Increased average interactions and 1000 followers in Facebook and Instagram, using outreach strategies.

EXTRACURRICULAR ACTIVITIES

Aggie Coding Club Member – TAMU

Fall 2022 - Present

- Developed technical interviewing, problem solving and communication skills while collaborated with other members to find better solutions to coding problems.