

# Anthony Castillo

📞 281-733-6007 | ✉ 508ajc@gmail.com | 🐙 github.com/anthonythepleb | 🔗 linkedin.com/in/anthonycastillo-cs

## Education

### San Jacinto Community College

A.S in Computer Science

Houston, TX

Aug 2018 - May 2020

### University of Houston

B.S in Computer Science, Minor in Mathematics

Houston, TX

Aug 2020 - December 2023

- **Courses:** Algorithms and Data Structures, Calculus II, Computer Organization and Architecture, Data Science and Machine Learning, Data Science and Statistical Learning, Data Science I, Database Systems, Discrete Mathematics, Fundamentals of Operating Systems, Fundamentals of Software Engineering, Intro to Computer Networks, Intro to Interactive Game Development, Programming and Data Structures, Software Design, and Statistics for the Sciences

## Work Experience

### Castillo Trucking

Delivery Helper

Houston, TX

June 2018 - June 2023

- Assisting driver in locating delivery locations
- Assisting with unloading the delivery truck at the end of the day
- Able to lift and carry merchandise such as appliances and furniture into home safely
- Building Computer Desks, TV Stands, and Arcade Machines when required
- Demonstrating proficiency in operating appliances and assembling furniture
- Loading and unloading merchandise
- Obtaining clients' signatures as an acknowledgment of receiving the merchandise
- Reporting all delivery-related problems to the warehouse

### Amazon

Fulfillment Center Warehouse Associate

Pasadena, TX

July 2023 - Present

- Adhering to safety protocols and guidelines to maintain a secure work environment
- Assisting in maintaining a clean and organized workspace to uphold a safe and productive working environment
- Collaborating with team members to achieve daily production goals and meet performance targets
- Organizing and maintaining the warehouse inventory to facilitate efficient order processing
- Participating in continuous improvement initiatives to optimize processes and enhance overall efficiency
- Picking and packing customer orders in accordance with established guidelines and procedures
- Sorting, labeling, and preparing packages for shipping to ensure accurate and timely delivery
- Utilizing handheld devices and software applications to locate and scan products for order fulfillment

## Projects

### Multithreading Assignment

C++

April 2023

- Utilized interprocess synchronization mechanisms in UNIX using named POSIX semaphores, pthread mutex semaphores, and pthread condition variables.
- Utilize multithreading to decompress a text file using Huffman decompressor, then generate a Huffman tree. Using the Huffman tree, print out the original message.

### Portfolio Website

HTML, CSS, JavaScript

December 2023

- Created responsive layout with inviting experience for mobile and desktop
- Modern user interface (UI) with a heavy emphasis on hierarchy and active whitespace.

## Skills

**Programming** C++, Python (Pandas, NumPy, Scikit-learn, etc.), R, HTML/CSS, JavaScript, SQL

**Miscellaneous** WSL(Windows Subsystem for Linux),  $\text{\LaTeX}$ (Overleaf/R Markdown), Microsoft Office(Word, Excel, PowerPoint), Git.

## Languages

**English** Native proficiency

**Spanish** Native proficiency