
Christian Cuellar

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ccuellar418.github.io

SOFTWARE EXPERIENCE

Amazon - Jr Software Developer 2025-Current

- Developed full-stack features for the Mesa Terra Payments team, enhancing the user experience relating to billing, invoices, and tax information
- Designed and implemented responsive web pages, UI updates, and back-end services using Java, React.js, JavaScript, and ION
- Built dynamic permission-restricted re-routing to alert the user why they were not allowed to continue, and what permissions they are missing
- Experience with user and back-end level permission systems, including creation and validation of access protocols

Product Data Scraping Tool 2022 - 2023

- Scrapes UPC, price, and other metadata for every in-stock variation
- Reduced an 8 hour task to 20 minutes
- Appends data to a spreadsheet and emails a CVS file to the client
- Scrapes across multiple websites such as Nike, Kohls, and Zoro by reading the source code to obtain info necessary within the URL
- Increased throughput by 2300% in product searching
- Built using Python, BeautifulSoup, Pywinauto, Openpyxl, and Selenium

Composite Image Script 2023

- Automate the creation of a composite image following a specified format from a set of 2-4 individual images to be displayed for different currency pools
- Used to create 100+ composite images, saving Node Finance thousands of dollars on design spend while creating a scale-able, automated process to create token

EDUCATION

California Polytechnic State University

Computer Science (Fall 2023 - Spring 2027)

Space Systems Club - Air Breaks team using ROS2 ; Data Structures; Systems Programming; OOP & Design; Programming Languages;

ABOUT ME

I thrive on finding efficient solutions, focusing on working smarter rather than harder, building tools to automate mundane tasks and streamline processes. I have a strong work ethic, incredible communication, and an entrepreneurial mindset. I have been building upon my new interests of Computer Vision with a project to alert the user when cheek biting is detected, as well as Augmented Reality. Outside of academics, I enjoy surfing, swimming, and water polo.

SKILLS

OpenCV - Face Mesh

Python

Full-Stack Developement

React.js

Java

Git & Code Review (CRUX)

BeautifulSoup

CI-CD

GCP - Sheets

Past Courses

Systems Programming (C)

Data Structures (Python)

OOP & Design (Java)

Programming Languages

ACCOMPLISHMENTS

2x Top 3 at County Math Competition (1st and 3rd)

Alcatraz Swim (2022)

3x HS swim records

Nationally Ranked 3rd Fastest Swim for Age