HENRY DO

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EDUCATION

University of California Riverside
Jan 2023 – Current

Bachelor's + Master's Program Computer Science, Graduation date 2026 (expected)
Riverside, CA

- GPA: 4.0

WORK EXPERIENCE

Contractor
Jan 2020 – Current

Freelance Developer
Mountain View, CA

- Developed scalable web applications using HTML, CSS, JavaScript, and various backend frameworks.
- Automated data scraping and integrated bots with online services and databases.
- Combined 3D models, animations, and audio to create immersive user experiences.

Oddblox LLC.
Aug 2022 – Nov 2022

Blockchain Development Intern
Charlotte, North Carolina

- Design and implement APIs to facilitate seamless communication between blockchain applications and external systems.
- Work closely with other developers to integrate blockchain solutions into existing products.
- Implement security best practices to protect blockchain applications from vulnerabilities.

SKILLS & LEGAL STATUS

- Programming Languages: C#, C++, Python, Java
- Legal Status: Canadian-born Citizen, U.S. Dual Citizen

PROJECTS

RA Allergens Unity C#, Python, Selenium, requests
https://www.congressionalappchallenge.us/22-ky06/
Developed a web scraping application analyzing local restaurant menus for allergens. Implemented robust Selenium automation to identify potential allergens across menus. Won 1st Place in the Congressional App Challenge, presented in the Capitol Building.

AI Agent Training for Flappy Bird Python, Flask, OpenCV, NumPy, Matplotlib
https://github.com/Ori2846/FlappyBirdAI
Implemented a genetic algorithm and neural networks to train AI agents to play the popular game Flappy Bird. The AI birds evolved over generations to improve their performance, demonstrating enhanced decision-making abilities.

PatentSimilarityNLP Python, Flask, spaCy, Sentence Transformers, scikit-learn, BeautifulSoup
https://github.com/Ori2846/PatentSimilarityNLP
Developed a web-based application to detect and compare the similarity of patent documents using advanced natural language processing (NLP) and machine learning techniques.