

HENRY DO

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EDUCATION

University of California Riverside

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

Jan 2023 – Current

Riverside, CA

- GPA: 4.0

WORK EXPERIENCE

Freelance Developer

Jan 2020 – Current

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.

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

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.

C++ compiler C++

Designed a proprietary programming language with custom syntax optimized for application-specific needs. Implemented an efficient compiler providing high-performance code generation.

Crime Map Python, Matplotlib

Visualized crime rates across various counties using data scraped from news sources. Built a heat map utilizing Matplotlib for intuitive understanding.

AWARDS

Congressional App Challenge

1st Place, awarded for developing RA Allergens, an application analyzing menus for potential allergens. Presented at the U.S. Capitol Building by Representative Andy Barr. Andy Barr United States Representative