

Luis Canada

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EDUCATION

Florida International University (FIU) | Miami, FL

Bachelors of Computer Science

Expected: Jan 2027

- GPA: 3.93/4.00

Honors: FIU Honors College, Deans List 2023

Associations: INIT @FIU

Scholarships: Florida Academic Scholars, FIU Presidential Award

Coursework: Discrete Structures (enrolled), Programming 2 (enrolled), Calculus 2, Cs50W Web Programming with Python and JavaScript (Harvard Ext School)

SKILLS

Computer: Web Development, Mobile Development, JavaScript, Python, Java, TypeScript, HTML, CSS, PyTorch, TensorFlow, Django, WordPress, PostgreSQL, Git, GitHub, Heroku, Vercel, Arduino, Visual Studio Code, VIM

Languages: English (native), Spanish (fluent)

WORK EXPERIENCE

Website Assistant (ADWISE) | **FIU Engineering Campus** | Miami, FL

June 2022- Present

- Developed and maintained ADWISE department's of FIU website using WordPress and built web scraper for keeping publications up to date
- **Reduced response times by 3x** by adding a page cache; Built web scraper for Google Scholar with Typescript and Puppeteer
- Collected feedback from professor and research lab made 10 site patches improving user experience

Website Creator | **Don Tile Cuban Plumbing** | Miami, FL

Nov 2022- Feb 2023

- Created static website advertising companies offerings, location, and name
- **Doubled walk in business** after creation of site
- Created with static HTML, Tailwind CSS, and Firebase for deployment for no cost hosting

Pier Agent | **SMS International** | Miami, FL

April 2023- June 2023

- **Collaborated in a group of 50+ agents** to ensure customer satisfaction during check-in
- Managed and resolved conflicts between customers and staff during delays and visa issues
- Communicated daily across 4 departments to navigate through software issues

PROJECTS

Dismissal Pro | <https://www.dismissalpro.com/>

March 2022- Present

- Devised web app with Django and Svelte for helping school administrators keep track of student dismissal and pickup
- **Halved wait time during Prom night** and improved efficiency of dismissal process by five times; still being used to date
- Hosted python web server on Heroku for authentication, exposing API's, and data storage; Constructed automatic search feature for assisting the elderly during pickup

Darwin | @INIT Build | <https://github.com/ghubnerr/darwin>

October 2023- November 2023

- Trained AI agents with reinforcement learning to succeed at Atari and Physics games
- **Taught basics of AI algorithms** to beginners of AI such as Q Learning, Deep Q Learning, MADPG, PPO
- Used python model creation with PyTorch, TensorFlow, NumPy, and Kivy for a GUI.

Crypto Currency Triage

Jul 2023- Present

- Built python GUI for NSF research project, revealing evidence of cryptocurrency usage on devices
- **Worked with post graduate students and a cybersecurity professor** to develop the UI for showing analyzed artifacts
- Built with Python, TensorFlow, Kivy, and MySQL

Jeff's Easy Bank | @Shellhacks 2023 | <https://shellhacks.vercel.app/>

September 2023

- Led and built bank balance visualization web app, showing spending over time
- **Worked in a group of 4 strangers** with a 2-day time limit to create a cohesive application.
- Built with JavaScript, Next.js, React, Chart.js, and Tailwind CSS