SALVADOR BUENADICHA CALVO

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EXPERIENCE

Computer Science AI Training, Scale AI   May 2023 — Jul 2023

Worked on reinforcement learning/reward modeling for customer language models for computer science related technical prompts.

- Reviewed coding related model responses and provided feedback

Technologies: Python, JavaScript, DataCompute

Summer Intern, ONCE Foundation   Jun 2021 — Jul 2021

Worked alongside the quality assurance and robotics team

- Accessibility evaluations for https://ga11y.fundaciononce.es/
- Created an API for eye tracking engine
- Developed Selenium powered Google Chrome to highlight HTML elements based on eye tracking data

Technologies: C++, Python, Selenium, Windows API, HTML, JavaScript

Volunteer Math Instructor, Glasswing International   June 2020 — Nov 2020

Was a virtual volunteer for an underprivileged school district in El Salvador, working under Glasswing nonprofit

- Assisted middle school equivalent students in El Salvador with homework
- Recorded roughly a dozen math lectures for topics that students struggled with

EDUCATION

Virginia Tech, Computer Science, Bachelors of Science   2021 — 2025

- GPA: 3.9/4.0 (Department Rank 6 of 204)
- John L. Pratt Scholarship (academic scholarship)
- Norrine Bailey Spencer Strong Start Award (Honors College student with 4.0 GPA during first semester)

Courses: Software Design, Datastructures & Algorithms, Computer Organization, Multivariable Calculus, Discrete Math, Linear Algebra

CURRENT PROJECTS

Canvas Discord Bot

- A hackathon project for our school's online course management system
- Used the Canvas and Discord API to create bot that handles

QuickRead

- Fast multithreaded searcher to find terms in large databases or text files
- Use memory mapping to search through file without having to load it into memory

Browser Eye Tracker

- Used Windows API (C++) to get data from eye tracking engine and created a Python usable DLL
- Used Python and Selenium to have a programmable browser
- Integrated Python program with DLL to outline HTML elements looked at by the user

SKILLS

- Code: Java, C/C++, Python, C#, Django, .NET Framework, REST, HTML/CSS
- Tools: Docker, Shell, Linux, Git
- Languages: Fluent English & Spansih

INTERESTS & HOBBIES

- Cybersecurity Club
- Hackathons/CTFS
- Intramural basketball
- Traveling