CONRADO PEÑA LEMES

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EDUCATION:

Bachelor of arts, Prospective Computer Science and Psychology   Expected Graduation: June 2027
Carleton College   *Northfield, MN, USA*
- Relevant Coursework: Calculus I, Data Structures, Software Design, Database Systems, Math of CS, Computer Systems, Human Computer Interaction, Principles of Psychology, Learning and Memory, Cross-Cultural Psychology,

EXPERIENCE:

Academic Support Student Assistant   August 2024-Present
Carleton College,   *Northfield, MN, USA*
- Created a machine learning classifier (93% precision) using SLEAP software to track fly grooming behavior
- Worked on a machine learning tracker to analyze rat mating behavior, using JAABA achieving at departure time a precision of 68.9%
- Wrote a 15 page documentation that kept track of requirements and equipment used the projects until the time of my departure from them

Intern   June 2022-August 2022
Actualred,   *Paysandú, UY*
- Created a bash script that handles the booting up and down a server rack at specified times using a Raspberry Pi
- Set up a storage network drive with TrueNAS
- Learnt how to create a properly structured software documentation, writing 10 pages of documentation of existing company software

EXTRACURRICULAR ACTIVITIES:

Class Project: Pictograpp   March 2022-December 2022
Instituto Tecnológico Superior de Paysandú   *Paysandú, UY*
- Created a mobile application (1200 lines of code), using Xamarin and C#, to help non-verbal people using 100 pictograms that say what is portrayed when clicked
- Won 1st place in the Uruguayan National Science fair, achieving 4/4 special mentions in the process, while also leading a team of 4 programmers
- Had discussions with professionals in the area, including 3 teachers, 7 programmers, 1 educational psychologist and 1 psychologist

Work on personal projects   2018-Year
                                                                                                                      Independent
- Created an auto-updating calendar using a Raspberry Pi, that connects to my phone, using a bash script to refresh the Google Calendar website every couple of minutes as well as turn off the screen when not in use
- Updated the Carleton College Makerspace Carl-o-gotchi (project 0046) to include the use of a 700mAH Lithium battery, giving it a battery life of 27 hours
- Currently working on the creation of a personal website, through HTML, Bootstrap, SQL and React

TECHNICAL SKILLS AND LANGUAGES:

- **Technical:** SQL, JAVA, Python, C#, C, C++, Bash, Xamarin, HTML, CSS, JavaScript, Bootstrap, x86Assembly, SLEAP, Git, Adobe Bridge, Adobe Photoshop, Fusion360 and Autodesk storage, Arduino, Raspberry Pi, TrueNAS
- **Language:** English (Fluent), Spanish (Native), Portuguese (Basic)