

Pedro Pontes García

+34 644 97 00 42 # pp457@cornell.edu # Ithaca, NY 14850

Education

Cornell University, College of Arts & Sciences

2022 - 2026

B.A. in Computer Science

Ithaca, NY

GPA: 4.23 / 4.3

Relevant coursework: Introduction to Python, OOP & Data Structures, Functional Programming, C++ Programming, Discrete Structures – Honors, Linear Algebra, Multivariable Calculus

- Davis UWC Scholar
- Dean's List: Fall 2022, Spring 2023

United World College Red Cross Nordic (UWC RCN)

20220 - 2022

IB Diploma Programme

Flekke, Norway

IBDP score: 44 / 45

Skills

- **Languages and paradigms:** Python, Java & OOP, C++, OCaml & Functional Programming, HTML, CSS
- **Tools:** data science tools (numpy, matplotlib), Git & GitHub, Unix, LaTeX, MS Suite
- **Soft skills:** leadership over small and large groups, experience in public-facing positions, experience in team software projects, some experience in academic research, training in first aid and wilderness first response

Academic awards

- **Norway's National Young Researchers' Award, 2nd place** Fall 2021 - Spring 2022
 - » 42-page paper on dynamical modelling of pendulums through ODEs and computational models
 - » Worked with research advisor on multiple drafts
- Bronze Medal at Baltic Sea Philosophy Essay Event, twice Fall 2020, Fall 2021

Academic and project experience

Teaching Assistant for the Computer Science Department at Cornell

Spring 2022 - Present

- Received a private offer to join the department as a teaching assistant for the largest course in the department, *Introduction to Computing: A Design and Development Perspective*
- Responsibilities include facilitating lab sessions of 40 students, holding office hours, grading work from students, and holding one-on-one tutoring

Cornell Solar Boat Project Team

Fall 2022

- Develop new website along with new graphical assets for the project team
- Work in a subteam on implementing new motor, gaining hands-on experience with circuits and tailored software

Leadership experience

Executive Board at Cornell Spanish Debate Society

Fall 2022 - Present

- Responsible over external communication and recruitment
- Debated in six tournaments in the US, Canada, Panama and Colombia
- Multiple awards as debater including **top 1** in speaker category at US Novice Nationals 2023

Outdoor Instructor at Cornell Outdoor Education

Fall 2023 - Present

- Co-leading an academic canoe course including a four-day trip with full responsibility over students' safety
- Received training in outdoor education models, risk assessment and management, and educational leadership

UWC RCN Outdoor Leadership Program

Fall 2020 - Spring 2022

- Led overnight hikes, overnight and day ski trips, day kayak and canoe trips
- Worked with other facilitators in the planning, risk assessment, and activity leading
- Responsible over safety and wellbeing of groups of inexperienced students

Languages

Fluent **Spanish**, **English**, and **Italian**; intermediate **French**; elementary **Norwegian**