

Enzo Bergamo

enzobergamo.com | 936-223-4920 | ebergamo@seas.upenn.edu | linkedin.com/in/eabergamo

EDUCATION

University of Pennsylvania <i>Master of Science in Engineering (M.S.E.) – Systems Science & Engineering</i>	May 2023 Philadelphia, PA
University of Pennsylvania <i>Bachelor of Science in Engineering (B.S.E.) – Systems Science & Engineering</i> <i>Minor in Computer and Information Science, Mathematics</i>	May 2023 Philadelphia, PA
Colegio Dante Alighieri (High School) <i>Honors: top 1% of graduating class</i>	December 2018 São Paulo, Brazil

SKILLS

Technical: Java, Python (NumPy, Pandas, Scikit-Learn, Pytorch), SQL, Git, R, Tableau, OCaml (functional programming, basic), LaTeX, Microsoft Office
Languages: English (fluent, native), Portuguese (fluent, native), Spanish (proficient), Italian (basic)

RELEVANT COURSEWORK

CIS 545: Big Data Analytics, OIDD 245: Digital Economy Analytics, MATH 313: Computational Linear Algebra, CIS 121: Data Structures & Algorithms, CIS 120: Programming Languages and Techniques II, ESE 400: Engineering Economics, ESE 204: Decision Models, CIS 160: Mathematics for Computer Science

PROFESSIONAL EXPERIENCE

Research Assistant <i>Alelab, University of Pennsylvania</i>	June 2021 – Present Philadelphia, PA
<ul style="list-style-type: none">Expanded research on autonomous robot swarms making use of machine learning techniques (reinforcement learning, graph neural networks) with funding by Intel and the Army Research LaboratoryDeveloped extensive simulations of multiple scenarios (communication failure, collision) using Pytorch and in-house software	
Program Instructor <i>Redefine</i>	June 2021 – Present Remote
<ul style="list-style-type: none">Prepared content and worked as an instructor for the Summer 2021 cohort of Redefine, a summer computer science program for underserved communities with the goal of increasing diversity in the computer science workforce	
CIS 110 Teaching Assistant <i>University of Pennsylvania</i>	January 2020 – Present Philadelphia, PA
<ul style="list-style-type: none">Conducted office hours (~ 100h/semester) for over 200 students in the introductory computer science class at PennProvided assistance for students that required additional help with the class content during special Sunday Review Sessions	
Summer Intern <i>VTEX</i>	July 2020 – August 2020 Remote
<ul style="list-style-type: none">Devised an overhaul of the customer support experience to increase ticket deflection. Simulations modeled a decrease of 30% in the number of tickets opened while increasing the interactions between users and the company's Knowledge Base	

LEADERSHIP & OTHER EXPERIENCE

NCAA Division I Fencing Student-Athlete	September 2019 – Present
<ul style="list-style-type: none">Varsity athlete at the University of Pennsylvania Men's Saber SquadParticipates on an average of three hours of practice per day in addition to demanding Engineering curriculumPrevious results: Brazil National Team member, 2019 Pan-Am Games participation, Brazil's national junior champion in 2018, individual 2nd place at the 2019 South American Fencing Championship	
Common Cents Operations Chair	September 2020 – Present
<ul style="list-style-type: none">Supervises all operations (planning, logistics) at Common Cents, an intercollegiate organization focused on financial literacy for both undergraduate and high school students with over 1.3 thousand members and currently present at seven higher education institutions (including Yale University, University of Pennsylvania, and Johns Hopkins University)Wrote Python scripts and used BI tools (Tableau) to gather information about the performance of virtual events	
Penn Engineering Orientation Peer Advisor	May 2020 – Present
<ul style="list-style-type: none">Responsible for helping first-year students in their transition to Penn by sharing strategies for academic success and information about campus resources	
Penn World Scholar	September 2019 – Present
<ul style="list-style-type: none">Exclusive program (10-15 students/year) organized by the University of Pennsylvania which includes an extensive financial package (~ \$50k/year)Developed leadership and interpersonal skills by engaging with members from diverse backgrounds	