

# Sofia Savoia

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## EDUCATION

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**Cornell University, College of Engineering**  
*Bachelor of Engineering*

**Ithaca, NY**  
*Expected May 2028*

**Relevant Coursework:** Physics and Experimental Physics, Chemistry, Calculus and Multivariable Calculus, Computer Science

**Skills:** Python (Proficient), CAD (Intermediate proficiency in 3D modeling), 3D Printing (Proficient)

## PROJECTS AND ACTIVITIES

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### **“Nuclear + Renewable Energy = The Ideal Mix?”**

**Virtual**

*Authored a Research Paper on Nuclear and Renewable Energy*

*June 2022 – September 2022*

- Completed research for 2 months under a UPENN graduate student and nuclear physicist, Nathaniel Tricarico
- Wrote a research paper evaluating the pros and cons of renewable energy and the usefulness of nuclear energy in the future
- Published the research paper in the Journal of Student Research (<https://doi.org/10.47611/jsrhs.v12i1.3985>)

### **Pi Sigma Epsilon**

**Ithaca, NY**

*Member*

*February 2025 - Present*

- Accepted into the Professional Business Fraternity, Pi Sigma Epsilon, through a three-round selective recruitment process
- Gained industry exposure, networking, interviewing, and presentation skills through the 10-week New Member Education
- Collaborated with new members on three case studies across several industries and presented to the 50-member brotherhood

### **Moveable Earth**

**Milan, Italy**

*Founder of Non-Profit Organization Aimed at Providing Natural Disaster Relief*

*November 2021- Present*

- Coordinated volunteer trips to sights affected by natural disasters and led volunteer clean-ups of impacted areas
- Created a website to reach a larger audience and organize volunteering, and interviewed locals on sectors needing assistance
- Generated fundraisers with volunteers, such as a Five Guys volunteer, funding clean-up materials and impacted infrastructure

## LEADERSHIP AND PROFESSIONAL EXPERIENCE

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### **Automobili Lamborghini S.p.A.**

**Sant'Agata Bolognese, Italy**

*Summer Intern*

*June 2023 – July 2023*

- Analyzed road and crash tests on CAD, documented new technology for improved speed, and assembled and dismantled motors.
- Assisted in interviewing potential employees in HR, oversaw quality controls on the construction floor, and tested in virtual reality
- Completed an intern program that involved 3D printing, CAD modeling, engineering physics courses, and projects in groups

### **Five Guys**

**Milan, Italy**

*Employee and Employee Trainer*

*April 2022 – February 2024*

- Carried out morning prep, worked as a cashier, worked at the fries station and toppings station, and completed janitorial duties
- Trained new employees, taught prep schedule, completed training from manager, and evaluated the performance of new employees
- Assisted in translations, completed an inventory of ingredients, and developed data-based entries of best-selling items

### **Pollen Pout**

**Milan, Italy**

*Founder of Small Company*

*May 2023 - August 2023*

- Created a small company to raise funds for Moveable Earth and sold over 200 tubes locally through stands and selling in school
- Determined an all-natural formula with quality ingredients, created the lip balms, and tested them before selling
- Used sustainable packaging and created a website to reach a larger audience in which I explained my mission statement and process

## LANGUAGES AND INTERESTS

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**Languages:** English (Native Proficiency), Italian (Native Proficiency), Spanish (Professional Working Proficiency)

**Interests:** Outdoor activities, skiing, traveling, cooking, swimming