

ANTONELLA VERDESOTO

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EDUCATION

Bachelor of Science

April 2027

University of Florida, Herbert Wertheim College of Engineering | Gainesville, FL

Major: Civil Engineering

Relevant Coursework: Statics, and Engineering Transportation

Associate of Arts

April 2024

Miami-Dade College, West Campus | Miami, FL

Major: Civil Engineering

Part of MDC Presidential Scholar, a scholarship program based on academic achievement

Relevant Coursework: Calculus I, II, & III, Physics w/ Cal I & II, Chemistry I, Differential Equations, and Discrete Mathematics

SKILLS

Programming Skills: Python (Beginner)

Skills: Microsoft Office

Languages: Spanish (Native), Portuguese (Elementary)

RELEVANT EXPERIENCE

Immersive Experience Lab Assistant, Learning Resources

September 2022 – August 2024

Miami-Dade College, West Campus | Miami, FL

- Presented data from Excel that identify areas of optimization and cost-saving opportunities
- Collaborated with Professors to implement virtual reality (VR) and augmented reality (AR) technology in their academic plans through guidance in software usage, and troubleshooting technical issues
- Tasks include creating forms, report monthly statistics, weekly meetings to assess good service to students

Undergraduate Research Assistant, REM Program

June 2024 – July 2024

University of Florida, Mist Center | Gainesville, FL

- Increased CoFe_2O_4 nanowire yield through extended electrodeposition time and sonication techniques
- Characterized $\text{Ba}_{0.65}\text{Sr}_{0.35}\text{TiO}_3$ and $\text{Ba}_{0.55}\text{Sr}_{0.45}\text{TiO}_3$ nanofibers, demonstrating improved crystallinity with extended synthesis times
- Developed a pet step counter using Arduino and accelerometer technology

Biofuel Alternative Energy, Chemistry Class Project

March 2023

Miami-Dade College, West Campus | Miami, FL

- Conducted research on the viability of hydrogen fuel cells and biofuels as alternative energy sources
- Examined the potential of ethanol fuel cells for renewable energy, including storage and transport advantages
- Contributed with a research team to present findings and recommendations for alternative energy solutions

Retail Sales Associate, Ashley Stewart

September 2021 – September 2022

Leap, Inc | Miami, FL

- Managed day-to-day retail operations, such as excellent customer service and preparing the store for opening and closing standards
- Process sales transactions, including handling cash, credit card payments, and operating the point-of-sale (POS) system
- Communicated professionally with corporate teams via Slack and conducted client outreach through Endear