## Nicolli DeCastro-Pedro Industrial and Systems Engineering Innovation Fellows Program - University of Florida Herbert Wertheim College of Engineering/Warrington College of Business

Daughter of Brazilian parents I grew up in the State of Sao Paulo for almost my entire life; except for an exchange program of ten months in Arkansas, and my most recent move to Gainesville, about a year and a half ago.

I started my higher education at the Federal University of Santa Catarina, in Brazil, as an Environmental Engineering undergraduate. During my studies, I was part of a project, called Ampera Racing that developed an electric racing prototype for the Formula SAE Engineering competition.

I was part of the Marketing department, responsible for the visual identity and communication of the project's brand, social media management, and gathering sponsorship. I and other 3 colleges were also part of the Business Case in the competition, in which we won first place. That consisted of developing a business plan for an electric racing kart company. We elaborated a manufacturing plant using lean's principles, defined a persona,



and created a marketing strategy, estimated costs, and potential return on investment.

After this experience, I realized how passionate I was about business and economics, but also about Engineering, so I decided to change my major to Industrial and Systems Engineering. Which I see as a great combination between engineering and business.

The opportunity to solve business problems impacts a large number of people, creating value for society. But being able to address these challenges through an engineering perspective allows me to use different tools and approaches, potentializing these solutions.

I started learning about investing in the stock market, and the generation of value that companies create, around 2019. Intending to apply my knowledge in investments and also develop a different world perspective, I moved to the US. While doing my major online in Brazil I started working and investing my money.

When I had to decide between returning to my country and proceeding with my classes in person or transferring to UF, I decided to embrace this new and incredible opportunity and finish my graduation here, in Gainesville. I knew I would benefit a lot from having exposure to a more technical education than compared to the education in Brazil, while also learning more about a different culture and points of view. This journey has thought me a lot about hard work, discipline, and determination and I am beyond grateful to be experiencing the University of Florida.