Lyndsey Vigna

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**OBJECTIVE:** To obtain professional knowledge through an internship position based around business, technology, and design that develops my learned skills from the classroom into a working environment.

**EDUCATION**

**University of Miami** **Coral Gables, FL**

*College of Engineering: Bachelor of Science in Innovation, Technology, and Design,* May 2026

*Minor in Computer Science*

**GPA:** 3.67

**Relevant Coursework:** Design Challenges, Python and Java Programming, Engineering Solutions,Innovation Design

**EXPERIENCE**

**Toms River Township** **Toms River, NJ, USA**

*Ocean Lifeguard* May 2021- Current

* Ensure the safety of hundreds of patrons
* Trained in First-aid, CPR, AED, and water rescue techniques
* Learned how to communicate to patrons and warn them of emergency situations

**Camner Tutoring Center** **Coral Gables, FL, USA**

*Student Tutor* September 2023-Current

* Tutor students and provide tools and resources on subject matter from classes I had

previously taken such as math and coding courses

* Communicate areas that needed improvement and areas they had strengths in
* Learned how to adapt my plans if students were still struggling or excelling faster

**Specialty Projects**

*Design Challenges*

* Partnered with campus art museum to define and solve a user experience challenge where they were undiscovered by students but wanted to make the space more user friendly and engaging
* In the new century educational incubator innovation program with classes focusing on problem solving in teams for users from civic organizations and large businesses
* Actively uses the design thinking stages: Empathize, Define, Ideate, Prototype, and test

*CSC 120 (Java)*

* Designed a program in Java that performs a similar function to the popular game Wordle, that
 receives user input as guesses and matches the word and its letters to a hidden computer generated word that is the answer
* Returns the users guess word color coded after comparing where blue means the letter is in the hidden word but in a different location, green means the letter is used and in the
right spot, and gray means the letter is not used at all
* The user keeps guessing until they get it right or 6 turns have been used, in that time frame the program ends, however if they guess wrong, the program ends and the answer is revealed
* Used methods such as while loops, dictionaries, for loops, if-else loops, inserting files, arrays

**SKILLS**

**Technical Skills:** Python**,** Java**,** Microsoft Office (Excel, PowerPoint, Word)**,** Figma