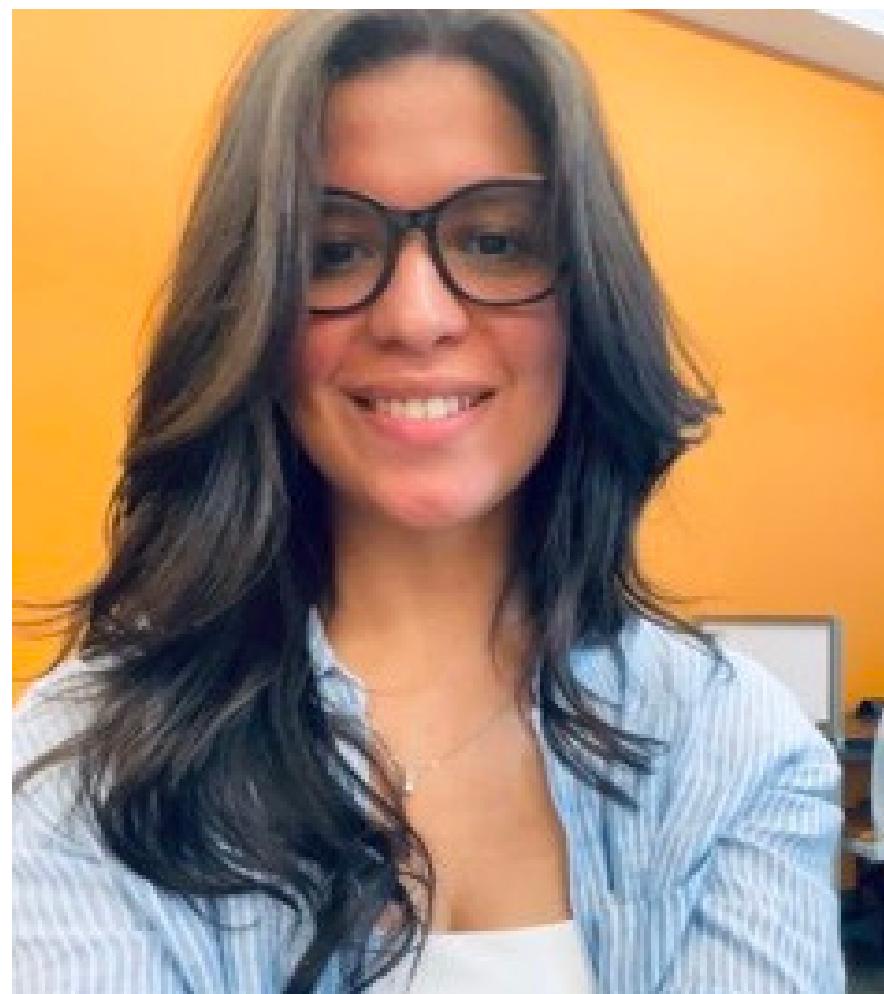


A complex, abstract network of blue hexagons of varying sizes, some with glowing centers, set against a dark blue background. The network has a organic, interconnected feel.

SMART GRID

CURRICULUM DEVELOPMENT

OUR TEAM



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WHAT IS A SMART GRID?

IT'S AN ELECTRIC GRID THAT ALLOWS THE FOLLOWING:

- Efficient distribution
- Real-time updates
- Integration of Renewable Energy

WHY DEVELOP A SMART GRID CURRICULUM?

Because the Smart grid is a growing industry that requires a particular skill set

Based on that, industrial and academic candidates aim to enhance students' skill sets so that students can modify and develop SG technologies.

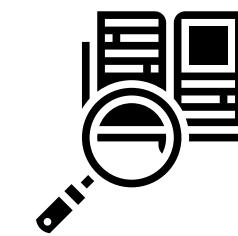




PREVIOUS WORK

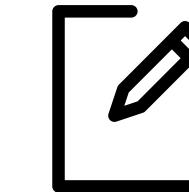
The following progress was during:

- Fall 2021
- Spring 2022
- Summer 2022



Literature Review

Fall 2021



Creating Interviews

Fall 2021



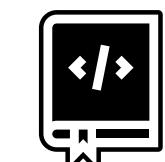
Interviewing Industrial Candidates

Fall 2021



Analyzing Interviews

Spring 2022



Create Code Book

Spring 2022



Summarize Objectives

Summer 2022



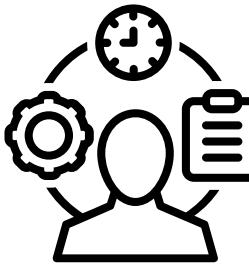
Interviewing Industrial Candidates

Summer 2022

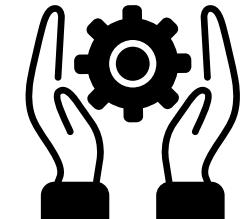




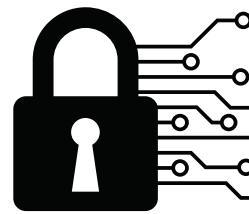
OBJECTIVES



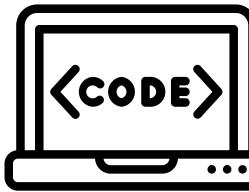
Manage industrial projects individually and in teams in SG industry



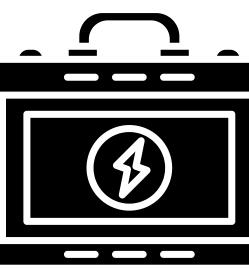
Hands-on capability



Develop cyber security skills



Acquire solid software programming



Develop mathematical modeling/simulation for critical SG components



Analyze the SG market



Fall 2022 Project's Objectives

Based on the previously mentioned past work,
the following are Fall 2022 requirements:

1. Analyzing new interviews to create objectives.
2. Align the new objectives with the previous ones.
3. Create a survey for the Industrial and Academic candidates to test objectives' importance.
4. Curricular Mapping





THANK YOU!!

IN THE FUTURE TECHNOLOGY IS DEVELOPING VERY FAST

PROJECT TAKE AWAYS

Ability to analyze qualitative data

Enhancing project management skills

Ability to create valid surveys

Familiarizing with curricular mapping





EXPECT

RESULTS

Project Management Technics

"If you don't know where you are going. How can you expect to get there?" ~
Basil S. Walsh

