

# Scarlett Michelle Luis

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## EXPERIENCE

### General Electric (GE) Vernova

#### Staff Technical Product Manager

Present

Remote - FL

June 2023 -

- Communicate strategies to integrate teams and align stakeholders to drive collaboration for product visioning and delivery
- Shape strategies and foster growth by monitoring timelines through backlog prioritization and risk mitigation while ensuring quality to maximize customer delight and accelerate product delivery

### Florida Power & Light Co. (FPL)

Miami, FL

FPL is the principal subsidiary of NextEra Energy Inc. (NYSE: NEE), the largest electric utility holding company in market capitalization, with 58 GW of generating capacity across the US and Canada, and over \$18 billion in revenue in 2020.

#### Product Owner & Innovation Program Manager

May 2022 - June

2023

- Worked alongside data scientists and engineers in building predictive models and algorithms using machine learning to improve outage prediction, with increased algorithmic accuracy from 57% to over 80%
- Led product operations for AWS cloud migration to improve system performance and reliability
- Managed backlog prioritization for three distinct products
- Coached over 40 students across 10 universities in innovative AI, computer vision, and robotics projects for a STEM career pipeline
- Increased user base by 20% using a user-centric approach by leading workshops, gathering requirements, and performing data/persona analysis along with prioritizing key features and enhancements; crafted user stories aligning with OKRs for system stability

#### Grid Automation Engineer

December 2019 - May

2022

- Led a fully remote and global agile team of 10 during quarantine to develop an asset management platform. MVP was released on time/budget, and the product launch success story was presented to the senior executive leadership team.
- Built strong stakeholder relationships by engaging eight major cross-functional teams through facilitated User Acceptance Testing (UAT), sprint demos, and leveraging change management techniques to streamline product adoption.
- Developed an automated workflow using Python, OneDrive, and Power BI to analyze data to provide actionable insights

#### Database & Modeling Associate Engineer

January 2018 - December

2019

- Created a comprehensive process guide that increased efficiency by reducing onboarding/training time to improve team performance
- Modeled, tested, and commissioned equipment to ensure compliance with industry standards and enhance overall system efficiency

#### Protection & Control Associate Engineer

April 2017 - January

2018

- Revamped the substation asset inspection process by implementing a systematic checklist procedure, resulting in faster customer restoration and reducing inspection time from 40 to 15 minutes post-hurricane Irma.

## EDUCATION, CERTIFICATIONS, & HONORS

### University of Pennsylvania

Philadelphia, PA

#### School of Engineering & Applied Science, Sub-matriculation Program

August 2012 -

December 2016

- M.S. in Electrical Engineering, Area of focus: Smart Systems and Distributed Energy Resources, B.S. in Electrical Engineering

**Certifications:** Strategy Execution, Harvard Business School Online, Fall 2021 Cohort; SAFe 5.1 Product Owner/Product Manager; Project Management Professional; Six Sigma Yellow Belt; Six Sigma Green Belt trained.

### Posse Foundation

Miami, FL

#### Full-Tuition Leadership Scholar

December

2011

- Leadership training program for dialogue promotion, project planning, and team building, chosen as one of 50 students out of 1100 applicants

## LEADERSHIP, VOLUNTEERING & INTERESTS

### 2023 MBA Fellowships

Remote

#### Access Fellowship, Community Chair

May 2023 -

Present

- Highly selective pre-MBA fellowship program for underrepresented minorities (URMs), women, and under-resourced individuals

#### Forté MBA Launch Fellowship, Fellow

March 2023 -

Present

### NextEra Energy Inc. Women in Energy Employee Resource Group

Miami, FL

#### Membership Outreach Director

January 2021 - January

2023

- Organized a company-wide career development conference and increased membership by 11%.

## **SCORE Miami Dade**

Nationwide volunteer organization powered by the U.S. Small Business Administration (SBA)

***Webinar Event Coordinator & Moderator***

***2022***

- Promoted economic empowerment for predominantly Spanish-speaking communities in Miami-Dade by organizing and moderating chapter workshops and guest speaker-led seminars for current or aspiring small business owners.

**Volunteering/Interests:** Breakthrough Miami (2021-2022); Hack for Inclusion: South Florida Tech Hub Hackathon (2021); AWS 5G Hackathon (2022); Dragon Boating (Sunday 8 am practice)

**Miami, FL**

***June 2019 - May***