

EDUCATION

- Ph.D.** Industrial and Systems Engineering August 2018 – present
University of Florida (UF), Gainesville, FL
Advisor: Dr. Michelle Alvarado
- B.S.** Industrial Engineering (Magna Cum Laude) Graduation: June 2018
University of Puerto Rico at Mayaguez (UPRM)

RESEARCH INTERESTS

- Healthcare Systems Modeling
- Stochastic Modeling
- Operations Research in Service Industries

EXPERIENCE

- Supply Network Planning Coop** January 2018 – July 2018
Ethicon LLC, Johnson & Johnson, Guaynabo, PR
- Teaching Assistantship** August 2017 – January 2018
INN4040: “Facilities Planning and Design” Course
University of Puerto Rico at Mayaguez (UPRM)
Department of Industrial Engineering
- Lean Transformation Coop** August 2015 – December 2015
United Technologies (UTC) Aerospace Systems
Santa Isabel, PR
- Research Assistant** January 2015 – July 2015
“Monitoring Effectiveness of SEA on Farmers from Dairy Farms”
University of Puerto Rico at Mayaguez (UPRM)
Under supervision of: Dr. Betzabé Rodríguez

PROFESSIONAL AFFILIATIONS

- Industrial Engineering Honor Society Alpha Pi Mu
2017: President (UPRM) (3rd place Outstanding Chapter Award)
2016: Activities Coordinator (UPRM) (3rd place Outstanding Chapter Award)
- American Society for Quality (ASQ)
2014: Volunteer (UPRM)
- Institute of Industrial and Systems Engineers (IISE)
2018: Member (UF)

2014: Member (UPRM)

COMPUTER SKILLS

Microsoft Office, Simio, Arena, AutoCad, SketchUp, VBA

GRADUATE COURSES

- Systems Simulation
- Lean Six Sigma Methodology
- Fundamentals of Mathematical Programming
- Applied Probability Methods
- Advanced Calculus I & II
- Fundamentals of Probability

LANGUAGES

- English (Advanced)
- Spanish (Native Proficiency)