[mmlya640@gmail.com](mailto:mmlya640@gmail.com)  **Lydia Mae Guo** 765-430-0476

**OBJECTIVE**

Highly motivated and experienced project management professional dedicated to delivering and discovering innovative solution. Seeking an opportunity as a Project Manager to apply my passion and experience to help plan, allocate resources and coordinate projects.

**SKILLS**

**Highlights:** Project Management, Quality/Process Improvement, Statistical Analytics, Lean/Six Sigma and Simulation

**Project Management Applications:** Microsoft Project, Excel, Jira, and Visio **Language:** Mandarin Chinese (Native)

**PROFESSIONAL EXPERIENCE**

**Ernest & Young Technology**  January 2020 ─ Present

*Project Manager, Global Treasure Solution Implementation* Alpharetta, GA

* Collaborating with the account team, business development, IT, and resource management teams as necessary to resolve any issues and achieve team goals
* Coordinating and managing multi-location engagements across the globe
* Managing stakeholder expectations, project plans and communication, provide status updates as needed to continuously move forward in the service delivery process

**Piedmont Healthcare Corporate**  July 2019 ─ December 2019

*Quality and Patient Safety, Improvement Specialist*  Atlanta, GA

* Assisted two patient safety indicator (PSI) teams for quality improvements; includes working with C-suite operators to develop best use strategies, and conducting internal analyses on the effectiveness of current interventions to explore future state opportunities
* Analyzed data, identified trends and risk related issues, and reported recommendations to staff and providers
* Redesigned targeted education module with scenario-based workflows to improve nursing compliance in Visio

**Hospital Corporation of America (HCA) North Florida Division** June 2018 ─ August 2018

*Performance Improvement Intern* Tallahassee, FL

Labor Management

* Modeled a functional staffing tool for the Labor and Delivery (L&D) unit to ensure patient safety and care quality
* Examined L&D patient logs to test and verify the need of adjusting current budget planning in Excel

Operation Room Utilization Assessment

* Developed Cath Lab Operational Assessment to optimize profitability at a local HCA facility in Excel
* Evaluated raw data and on-site observations to shape graphical reports that reflect the local Cath Lab performance

**ACADEMIC PROJECT EXPERIENCE**

**Center for Operations Research in Medicine and HealthCare*,*** *Project Lead* January 2018 ─May 2019

* Identified opportunities in the current state workflows for an AI-based application in Pediatric CICU
* Composed semi-structure survey to interview bedside nurses to generate conversation flows in Visio

**Emory Healthcare: *Predictive Analytics for Clinical Outcomes****, Project Management* January 2018 ─ June 2018

* Constructed a predictive model with machine learning techniques to estimate clinical outcomes in R
* Designed scorecard prototype for surgeons to visually present their performances (Quality Scores vs. Costs) in R

**EDUCATION**

**Georgia Institute of Technology,** Atlanta, GA August 2017 ─ May 2019

Master of Science in *Health Systems*, H. Milton Stewart School of Industrial & Systems Engineering

**Purdue University**, West Lafayette, IN August 2012 ─ May 2017

Bachelor of Science in Industrial Engineering *Minor:* Statistics*; Certification:* Entrepreneurship and Innovation

**CERTIFICATIONS**

**Lean & Six Sigma Green Belt**, Georgia Institute of Technology October 2017 ─ October 2021