

# MIGUEL AMARAL

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*Data Analyst   Financial Business Analyst   Project Management   Quality Assurance   Data Mining*

## EDUCATION

**Bachelor of Business Analytics - Logistics and Supply Chain Management** December 2021

*Florida Polytechnic University, Lakeland, FL*

**GPA:** 3.8 Magna Cum Laude

## SKILLS

**Certification:** Microsoft Power BI, BI Servers, Oracle Business Intelligence, Oracle Data Integration 11G, Pentaho Data Integration, Software Quality Assurance.

**Programming:** Python, R, SQL, SSRS, C.

**Programs:** MiniTab, Stata, Microsoft Power BI, Microsoft Office, Microsoft Project, Visual Studios, Simul8.

**Communication:** English, Portuguese, and Spanish.

## EXPERIENCE

**Financial Business Analytics Intern** Spring 2021-Present

*Badcock Home Furniture, Mulberry, FL*

- Supported the Financial Planning and Analysis team to explore the database and solve problems and requests for different sectors of the company.
- Utilize SQL and Excel to structure and analyze data in order to develop reports and PowerBI dashboards that are used to drive strategic business decisions.
- Develop automated reports on Visual Studio using SSRS coding language to streamline the reporting process and facilitate information access.

**Business Analytics and Data Science Capstone** Fall 2020-Spring 2021

*JustProtect, Tampa, FL*

- Collaborate with a team to develop a process that increases the accuracy of supply risk assessment for Just Protect's clients.
- Designed RStudio and Python scripts to undertake topic modeling and data mining analysis.
- Utilize companies' disclosures on risks information and financial reports to structure a framework that facilitates risk analysis of potential suppliers.

**Data Analytics Intern** Fall 2020

*Upper Data Software, Porto Alegre, Brazil*

- Structured the company's support platform, developed the Knowledge Base, and managed customers' IT service requests for projects.
- Primary tester for quality assurance of software development, worked alongside project manager in planning project schedules.

## PROJECTS AND LEADERSHIP

**Research Assistant** Spring 2020-Present

*Florida Polytechnic University, Lakeland, FL*

- "Enhancing Internships with Professional Ethics Training: Cultivating an Ethical Engineer Identity".
- Co-Curricular Endorsement for participation in the volunteer NSF STEM Professional Ethical Project.

**Data Analytics Research Project** Fall 2018-Spring 2019

*Florida Polytechnic University, Lakeland, FL*

- Utilized predictive analytics to determine possible outcomes that would positively impact the citrus community and decrease the greening problem within the state of Florida.
- Presented the findings at the Academy of Business Research New Orleans 2019 Conference and at the Florida Academy of Science Melbourne 2019 Conference.

**Business Analytics Representative** Fall 2019-Spring 2020

*Student Government Association (SGA), Florida Polytechnic University, Lakeland, FL*