

# MICHAEL MERANI

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## EXPERIENCE

### Ambassador Warehouse Associate | Amazon Logistics

JUNE 2018 – CURRENT

- Assessing packages with system backend errors to ensure they are delivered to customers in a timely fashion.
- Training new hires on safety regulations and work station processes
- Additional: written automation scripts using Python to help managers eliminate tedious and repetitive tasks.

### Software Developer | Freelance

NOVEMBER 2017 – APRIL 2018

- Tasked with developing iOS app for a client that encrypts and decrypts messages and files.
- Created user interface using XCode storyboard.
- Created HTTP request methods using RESTful web services to check user credentials and to create new accounts.
- Used iOS SDK to provide functionalities that allows user to email, save, and share encrypted content and display decrypted content.
- Tools Used: XCode, Objective-C

### Software Developer | Cacira Inc.

MARCH 2017 – SEPTEMBER 2017

- Contributor in the design, development and deployment of iOS apps.
- Developed essential back-end and front-end app features that connected database information with user interface.
- Involved with updating, troubleshooting and debugging code.
- Collaborated with database team to implement new API's and modify existing ones.
- Tools used: Swift (Dazzl), Objective-C (Neighboring), XCode, RESTful web services, Sequel Pro, Postman, various open sourced APIs.
- More information about the apps can be found at [neighboringapp.com](http://neighboringapp.com) and [dazzl.co](http://dazzl.co).

## PERSONAL PROJECTS

### NBA Rookie of the Year Prediction | Machine Learning App

- Developed a machine learning app that uses data mined from basketball-reference.com and different Regression algorithms to predict who will win the 2020 NBA rookie of the Year award.
- Tools used: Python, SKLearn, Flask, RESTful web services, ReactJS, Bootstrap, Jupyter Notebook, Heroku, GitHub
- GitHub Link: <https://github.com/mmerani/roty-app-full>
- App link: <http://roty-prediction-app.herokuapp.com/>

## TECHNICAL SKILLS

- Programming Languages: Python, Swift, Objective-C, C++, Java, SQL
- Technologies: Restful web services, iOS SDK, mySQL, Firebase, mongoDB, Linux, Unix, BASH, Anaconda, git
- Concepts: Data Structures, Objected-Oriented Programming, Machine Learning, Data Science, Relational Databases, Algorithmic Complexity, Design, Statistics

## EDUCATION

### Bachelor of Science in Computer Science | Florida Atlantic University

December 2016

**Relevant Coursework Completed:** Object-Oriented Design/Programming, Data Structures, Foundations of CS, Logic Design, Intro to C, Microprocessor Systems, Computer Operating Systems, Internet Computing, Database Structures, Programming Languages, Principles of Software Engineering, Data Comm., Design & Analysis of Algorithms, Matrix Theory

### Bachelor of Arts in Criminology | University of South Florida

August 2014

### Certificate in Data Science | University of Washington

June 2019