

Tomás Ortega

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Objective

Recent graduate with a strong foundation in algorithms, logic, and object oriented programming seeking a software developer opportunity to work on challenging projects and leverage solid skills in collaboration and communication to develop efficient solutions and contribute to the growth of the company.

Education

Florida International University, Miami, FL

Bachelor of Science in Computer Science, GPA: 3.84

Spring 2019

Relevant Coursework: Data Structures and algorithms (Java), Computer Networking (Python), Database Management, Computer Systems (C and Unix), Graph Theory, Algorithm Techniques and Design.

Experience

Volunteer - Programming I and II Tutor

Fall 2018

Florida International University, Miami, FL

- Developed interpersonal skills by working with a team of peers to develop coding problems for group tutoring sessions.
- Applied strong communication skills and problem-solving techniques working with students through exercises and homework problems

Skills

- **Programming languages and Frameworks:** Java, C, Python, F#, XML, SQL, HTML5, CSS3, JavaScript, ReactJS, and Flask.
- **Operating System:** macOS, Windows, Ubuntu.
- **Software:** Adobe Photoshop, Microsoft Office, VirtualBox.
- **Multilingual:** Fluent in English and Spanish.

Projects

Book Store Web Application:

Fall 2018

Florida International University (FIU), Software Engineering Group Project

- Implemented a web based application for browsing and purchasing books. We used ReactJS for the UI and MySQL for the database.
- Designed and Implemented a RESTful API using python and flask to process book data and to connect the database to the react user interface.

Workflow Manager for Data Science (Web Based Data Processing Tool):

Spring 2019

Florida International University (FIU), Senior Project

- Created a workflow manager using python that focuses on automating some of the functionalities of a data science pipeline such as data cleaning, analysis, and visualization of the results.
- Worked with graduate students to implement machine learning algorithms to update predictions after receiving new data and visualize the results in the web application.

Honors and Awards

Deans' List (3.7/4.0), 6 semesters, FIU

2016/2019

magna cum laude (GPA: 3.8/3.9)

2019