

# Jamesly Celestin

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## SUMMARY:

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Get an internship or job to develop my skills as a programmer. I am a curious learner. If I want to know something, I will go to lengths to learn about it. Providing me with a job or internship opportunity will get me one step further to changing the world. I am excited for the future, and hope to continue this excitement with your company

## EDUCATION:

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**Florida Atlantic University** Boca Raton, FL - Bachelor of Computer Science

- **Relevant Courses:** Foundations of Computer Science, Data Structures & ALGORITHMS, Data Structures & Algorithms Analysis Intro to Python Programming, Object Oriented Software Design, Object Oriented Programming

## TECHNICAL/WORK-RELATED SKILLS:

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- Languages:** C#(Asp.Net Core, .Net Core, WPF), C++
- Web Development:** HTML5, CSS, JavaScript
- Operating system:** Windows
- Software:** Visual Studio, Visual Studio Code, SQL Server
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## WORK EXPERIENCE:

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### **Stream video conversion and metadata tagging System**

We've developed a solution for Mr. Chen to help him deal with the recent merger between Warner Bros and Discovery+. With this merger he received a vast number of sports streamed recordings that were taking too much space in his S3 storage. The reason for this is that the videos were in .ts format which is the format used for video streams, another problem that our sponsor has is that the metadata for all these videos was lost so he has no way of knowing which file is which. Our solution was to create a cloud-based architecture where we convert the .ts files to .mp4 so that they can be used for FER (Full Event Replay) and to minimize the size of the videos. On another end we created a machine learning system that will analyze each video and automatically tag metadata for the videos. Lastly, we provided our sponsor with a dashboard to be able to watch the videos once they are converted.

## **PROJECTS IN GITHUB (<https://github.com/jamesly1999>)**

### **iOS App Development (Written In Swift)**

- Inventory App
- Utilizing Backend API (Back4App) to store and retrieve data

### **Shopping Cart App(Written in Java)**

- Built shopping cart app
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