

Detail-oriented and innovative computer science professional with a bachelor's degree in computer science and five years of experience in software development and implementation. Seeking a challenging position as a Software Engineer where I can leverage my expertise in **C#** (Asp.Net Core, .Net Core, WPF), **SQL**, **C++**, **JavaScript**, **HTML** and **CSS** to contribute to cutting-edge projects and drive technological advancements. Committed to delivering high-quality solutions through teamwork, creativity, and continuous learning.

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## PROFESSIONAL EXPERIENCE

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Deerfield Beach Middle School, Deerfield Beach, FL

2023 – Present

### Math Teacher

- Planning and delivering comprehensive math lessons in accordance with the curriculum guidelines and educational standards.
- Utilizing various teaching methods, instructional materials, and technology to engage students and enhance their understanding of mathematical concepts.
- Integrating real-world applications and interdisciplinary connections to demonstrate the relevance of mathematics in everyday life.
- Maintaining accurate records of attendance, grades, assignments, and other relevant information using appropriate educational software or systems.

Office Depot, Deerfield Beach, FL

2022– 2023

### Tech Consultant

- Diagnose and troubleshoot hardware and software problems, including system errors, connectivity issues, and software conflicts, using diagnostic tools and resources.
- Assist customers in selecting the right technology products, accessories, and services based on their requirements, preferences, and budget constraints.
- Collaborate with team members and departments to ensure a seamless customer experience across all touchpoints, including in-store, online, and telephone interactions.
- Provide expert advice and assistance to customers on a wide range of technology products, including computers, printers, networking devices, software applications, and accessories.

Lowe's, Pompano Beach, FL

2019– 2022

### Appliance Specialist

- Conduct thorough consultations with customers to understand their appliance preferences, lifestyle considerations, space limitations, and installation requirements.
- Upsell and cross-sell additional products and services, such as water filtration systems, appliance installation kits, and maintenance packages, to maximize sales and customer satisfaction.
- Coordinate delivery and installation schedules with customers and third-party service providers, confirming product availability, delivery dates, and installation requirements.

## EDUCATION

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Florida Atlantic University, Boca Raton, FL <b>Bachelor of Computer Science</b> , <i>Minor Cybersecurity</i>	2023
Palm Beach State College, Boca Raton, FL <b>Associate of Arts</b>	2021

## PROJECTS

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### 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

#### Final School project

#### 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.

## TECHNICAL SKILLS

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**Languages:** C#, C++, SQL, HTML5, CSS, JavaScript,

**Operating system:** Windows, MAC

**Libraries/Frameworks:** Asp.Net Core, .Net Core, WPF, Azure, NodeJS, AWS