

# James Smith

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## WORK EXPERIENCE

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### SportsMEDIA Technology

January 2020 – Present

*Application Developer*

*Jacksonville, FL*

- Work with a large team involved in high complexity source code development for products used at professional sporting events.
- Responsible for implementing features, changing functionality, refactoring code, and fixing bugs for large scale software products using Python.
- Work in a very high-pressure environment with strict, non-negotiable deadlines.
- Agile work environment with daily standups and continuous deliveries of software products.
- Heavy emphasis on teamwork, strong communication and interpersonal skills.

### SportsMEDIA Technology

November 2019 – January 2020

*Application Developer Intern*

*Jacksonville, FL*

- Performed refactoring and code cleanup on largescale software projects.
- Assigned coding tasks to complete by senior developers in conjunction with their work.
- Learned complex proprietary software systems.

## PROJECTS

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### Movie Recommendation Engine

<https://github.com/jos1101/Movie-Recommendation-Engine>

- Created a movie recommendation engine using Java, JDBC, Python, and MySQL.
- Used the Pandas library to parse JSON data into CSV tables that were loaded into MySQL.
- Utilized OOP concepts in the design and implementation.

### Recursive Decent Parser

<https://github.com/jos1101/Lexer-and-Parser>

- Used Python to implement a recursive decent parser for a subset of the C programming language.
- Applied test-driven development principles during development.

### Client/Server File Transfer Protocol

<https://github.com/jos1101/File-Transfer-Protocol>

- Created a client/server file transfer network application using Java.
- Used Sockets API to establish a TCP connection between the client and server.

## EDUCATION

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### University of North Florida

*Bachelor's Degree in Computer Science*

December 2019

*Jacksonville, FL*

## TECHINICAL SKILLS

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- **Languages:** Java, Python, C, C#, HTML/CSS, JavaScript, SQL, XML
- **Development Software:** VSCode, Visual Studio, JetBrains, GIT, Surround, P4V, Helix
- **Platforms:** Windows 10, Linux/UNIX
- **Databases:** MySQL
- **Unit Testing Frameworks:** JUnit, NUnit