

JEROLYN CLEMENTRAJ

Software Engineer Intern

Atlanta GA • jprema6@gatech.edu • 704-775-2821 • GitHub: Jerolync

Objective

Seeking a software engineering internship to leverage my skills in software development and contribute to building high-quality, scalable solutions while furthering my technical knowledge.

EDUCATION

Georgia Institute of Technology, Atlanta, GA

Bachelor of Science in Computer Science, Expected May 2026

GPA: 3.50/4.00

SKILLS

Programming: *Java, C, Python, JavaScript, SQL*

Web Development: *Google Cloud, React, NodeJS, XHTML, CSS*

Databases: *MySQL, MongoDB, Oracle*

Tools & Frameworks: *JUnit, Agile, MVC, Git*

HONORS

Dean's List

PROJECT EXPERIENCE

OfficialSports App – Junior Design Project | *Team Member*

Aug 2024 – Present

- Contributing to the development of a cross-platform social media mobile app for users to discover and share sports venues.
- Collaborated with clients to gather requirements, define user personas, and identify MVP features.
- Designed and developed backend APIs and database schemas for user profile management and messaging.
- Developing APIs for creating, managing, and rating venue information.

Pitch Type Prediction Using Machine Learning | Academic Project | *Team Member*

May 2024 – Aug 2024

- Built and evaluated machine learning models (Linear Regression, SVM, Random Forest) to predict baseball pitch types using pitch data.
- Analyzed model performance, identifying key factors influencing each model's prediction accuracy
- Utilized Python libraries such as Scikit-learn and Pandas for data analysis and model development.
- Documented the process in Jupyter notebooks for future reference and reproducibility.

Dungeon Crawler Game Development | Academic Project | *Developer*

Aug 2023 – Dec 2023

- Developed an Android-based dungeon crawler game using Java and Android Studio.
- Implemented core gameplay mechanics, including character movement, enemy AI, and a leaderboard system.
- Applied OOP principles, version control (Git), and agile practices
- Optimized gameplay performance and enhanced user experience through testing and debugging.

ADDITIONAL EXPERIENCE

GT WebDev, Atlanta, GA | *Student Participant*

Aug 2023 – Present

- Contributed to the maintenance and enhancement of dynamic web applications using HTML, CSS, JavaScript, and React.
- Collaborated with stakeholders to refine requirements and improve functionality and user experience.

Outback Steakhouse, Concord, NC | *Host*

Apr 2022 – Aug 2022

- Enhanced communication and teamwork skills in a high-paced environment while managing guest seating and reservations.
 - Developed problem-solving abilities by addressing custom requests and ensuring customer satisfaction.
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