Angel Nivar

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[github](#) • [LinkedIn](#) • [Portfolio](#) - (WIP)

EDUCATION

Georgia State University, *Bachelor Of Science, Data Science (Expected Fall 2025)*

- GPA: 3.6 • Dean's List • HOPE Scholarship Recipient

Relevant Coursework - Data Mining | Object Oriented Programming | Computer Organization | Data Visualization | Data Structures and Algorithms | Machine Learning | Big Data Analysis | Full-Stack Development | Digital image Processing

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TECHNICAL SKILLS

Languages/Libraries: Python, JavaScript, Pandas, NumPy, Scikit-learn, OpenCV

Databases: SQL, Firebase, Database Design,

Tools: Git, Microsoft Excel, Tableau, PowerPoint, HTML/CSS, Flask, Tkinter, React.js

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TECHNICAL EXPERIENCE

Machine Learning Recommendation Algorithm

(Python, Pandas, Scikit-learn, SQL, Tkinter)

- Built a personalized anime recommendation system using collaborative and content-based filtering.
- Processed and analyzed large datasets with Python libraries and SQL to optimize recommendation speed.
- Developed an interactive GUI with Tkinter for user input and dynamic recommendations.

Data Mining / Research into Academic Strategies

(Python, Excel, Tableau, PowerPoint)

- Curated and analyzed datasets to examine effective study methods among students.
- Designed and distributed surveys to collect real-world data; identified key academic strategies.
- Visualized data with Tableau and delivered findings to an academic panel via PowerPoint.

Video Surveillance Technique Enhancement

(Python, OpenCV, Machine Learning)

- Created advanced object detection and tracking solutions for real-time video surveillance.
- Improved recognition accuracy and computational efficiency using shape context descriptors and adaptive background modeling.
- Tested performance on real-world datasets and fine-tuned algorithms for robust, high-speed detection.

Geolocation-Based Event Discovery App - Moov

(SQL, Database Design, HTML, Python, Flask)

- Engineered a web app enabling users to discover local events through real-time geolocation data.
- Implemented a personalized recommendation system; integrated Firebase for user authentication and event updates.
- Created a user-friendly interface with advanced filtering for seamless event browsing.

WORK EXPERIENCE

Provino's Italian Restaurant | Snellville, GA

Front and Back of House | JUNE 2020 - PRESENT

- Collaborate with a cross-functional team (kitchen staff, hosts, and management) to streamline order-taking and ensure timely service in a fast-paced environment.
- Manage both online and in-person orders, demonstrating strong organizational skills and the ability to quickly adapt to changing workflows.
- Proactively resolve customer issues and optimize table turnover, balancing efficiency and exceptional service to maintain high satisfaction rates.