

# Alejandro Ng

## Data Scientist/Engineer

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### STRENGTHS

- Analytical Thinking**  
Applied analytical skills to process extensive datasets and derive actionable insights during internships and projects.
- Collaborative Spirit**  
Fostered teamwork through active participation in daily stand-ups and group discussions, promoting inclusive project environments.
- Proactive Learner**  
Embraced continuous improvement through attending workshops and pursuing online courses related to data science.
- Technical Proficiency**  
Efficiently utilized programming languages like Python and tools such as Tableau to produce impactful results, enhancing presentation quality.
- Effective Communicator**  
Conveyed complex ideas clearly during project presentations and reports, often sought after for simplified explanations by peers.

### SKILLS

Python Machine Learning  
Data Visualization  
Statistical Analysis Tableau  
Matplotlib Scikit-learn  
Generative AI Statistics  
Computer Vision Java C++  
Predictive Analytics  
Data Manipulation

### SUMMARY

Aspiring data scientist driven by a passion for technology and a solid foundation in computer science. Currently seeking opportunities to apply expertise in Python, machine learning, and data visualization within a dynamic tech environment. Developed predictive models while collaborating with seasoned professionals in academic research projects. Eager to leverage analytical skills and creative problem-solving abilities to contribute effectively to transformative data solutions. Looking forward to becoming part of a collaborative team that embraces innovation and addresses real-world challenges through technology.

### EDUCATION

#### Master's Degree in Data Science

Savannah State University 🎓 GPA: 3.8 📅 2026 📍 Savannah, GA

**Coursework:** Machine Learning, Statistics, Data Visualization, Computer Programming

#### Bachelor's Degree in Computer Science

Savannah State University 🎓 GPA: 3.6 📅 2025 📍 Savannah, GA

**Coursework:** Data Structures, Algorithms, Software Engineering, Database Systems

### TECHNICAL SKILLS

- Programming Languages:** Python, Java, C++
- Data Visualization Tools:** Tableau, Matplotlib
- Machine Learning Libraries:** Scikit-learn, TensorFlow, Keras
- Database Management:** MySQL, PostgreSQL, SQLite
- Statistical Analysis Software:** R, SAS, SPSS
- Collaboration Platforms:** GitHub, Trello, Slack
- Cloud Services:** AWS, Google Cloud, Azure
- Big Data Technologies:** Hadoop, Spark, Apache Kafka
- Web Development Frameworks:** Django, Flask, React.js
- Data Processing Tools:** Pandas, NumPy, Dask

### EXPERIENCE

#### Data Science Intern

University Research Lab 📅 June 2025 - Present 📍 Savannah, GA

Assisted in data analysis using Python and machine learning techniques while contributing as a data intern at a university lab. Focused on achieving project goals while fostering collaboration among researchers.

Regression Analysis

Classification Models

LANGUAGES

English Native

Spanish Proficient

MY CAREER



● Data Science Intern at University Research Lab (1.2 Years)

● Capstone Project Developer at Academic Project (4 Months)

- Developed predictive models utilizing Python and machine learning algorithms to analyze large datasets, improving accuracy by identifying key trends.
- Collaborated with researchers to visualize insights through tools like Matplotlib and Tableau, enhancing clarity and engagement.
- Conducted statistical analyses supporting rigorous academic research projects, ensuring adherence to exacting methodologies.
- Participated in project meetings to discuss challenges and outline next steps, fostering a collaborative team environment.
- Assisted in documenting findings that contributed to publications and conference presentations.
- Engaged in continuous professional development through workshops and online courses focused on advanced data science techniques.

Capstone Project Developer

Academic Project 📅 January 2025 - May 2025 📍 Savannah, GA

Led a capstone project applying machine learning for predictive analytics within healthcare data resulting in significant improvements in predictive capabilities.

- Implemented machine learning algorithms, including regression and classification, using Python and Scikit-learn with real-world datasets.
- Developed comprehensive project documentation encompassing methodologies, results, and stakeholder recommendations.
- Presented findings clearly to faculty and peers, demonstrating technical concepts with engaging visualizations and statistical support.
- Refined project goals and timelines collaboratively with teammates, ensuring timely milestone deliveries.
- Participated in peer reviews elevating project quality and integrating constructive feedback into final outcomes.

LEADERSHIP & AWARDS

- Dean's List - 2025
- Research Excellence Award - 2026

CERTIFICATIONS

- AWS Certified Cloud Practitioner 📅 2026
- Certified Data Scientist (CDS) 📅 2026

PROFESSIONAL AFFILIATIONS

- Member of Data Science Society at Savannah State University
- Volunteer Tutor for Mathematics and Computer Science students

ADDITIONAL INFORMATION

**Work Status** : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST