

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
Regression Analysis
Classification Models

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.

- 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.

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)

- 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