

Alejandro Ng

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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

SKILLS

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

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.

- 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

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST