

# Nicholas Brezinski

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## SUMMARY

Highly motivated Computer Science graduate with a Minor in Japanese Studies and practical experience developing applications involving neural networks and real-time data management. Proficient in Python for data analysis and machine learning, with foundational knowledge of algorithms like neural networks, clustering, and classification. Seeking a Data Scientist role to leverage analytical skills and technical expertise to build data-driven solutions. Possesses conversational proficiency in Japanese (JLPT N3 studying for N2) and native English fluency.

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## EXPERIENCE

### Team Lead

#### Andy's Frozen Custard

Feb 2023 – Mar 2024, Cary, NC

- Led shifts, trained new employees, and managed operational workflows, developing strong leadership and communication skills.
- Identified and implemented operational improvements resulting in increased efficiency and enhanced customer satisfaction.

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## PROJECT

### LanGAPP (Language Application)

- Developed a real-time voice translation application for English-to-Japanese and
- English-to-Spanish using neural networks for the core translation engine.
- Implemented machine learning models (Eleven Labs API) to handle complex language translation tasks.
- Utilized Docker for containerization and deployed on a cloud platform to ensure scalability
- and performance.
- Optimized the translation pipeline for low-latency responses in a real-time environment.

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## EDUCATION

### Bachelors in Computer Science

Minor in Japanese Studies • University of North Carolina at Charlotte • Charlotte, NC • 2025

- Dean's List Award in Computing and Informatics 4x

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## INVOLVEMENT

### International Student Mentor

University of North Carolina at Charlotte • University of North Carolina at Charlotte • Sep 2024 – Present

- Guide international students, fostering cross-cultural communication and integration within the university community.
- Assist mentees in improving English proficiency for academic and social contexts.

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## SKILLS

Python (Proficient), SQL, Pandas, NumPy, Scikit-learn, SAS, Javascript, Typescript, C#

Machine Learning Concepts (Neural Networks, Classification, Clustering, Regression), Statistical Analysis, Data Visualization (Matplotlib/Seaborn), Data Cleaning & Preprocessing

Git, Firebase (Realtime Database), REST APIs

Database Management Concepts, NoSQL (Firebase), MySQL, SQLite3

English (Native), Japanese (Conversational – JLPT N3 Equivalent), Spanish (Beginner)

Agile/SCRUM, Waterfall Project Management, Problem-Solving, Analytical Thinking, Teamwork, Communication, Cross-Cultural Communication, Mentoring

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