

Kevin Nyquist

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TECHNICAL SKILLS

- **Programming Languages:** Java, Python, TypeScript/JavaScript, HTML/CSS, C#, SQL, C++, GraphQL
- **Additional Skills:** .NET, Angular, React, Git, TDD, REST API, PostgreSQL, Postman, Docker

RELATED EXPERIENCE

Free Thinkers Consulting – Atlanta, GA

September 2024 - November 2024

Part-Time Software Engineer

- Designed and implemented process automation solutions for a SMB client to accelerate approval processes by 20%, resulting in faster decision-making and client-business communication
- Played a key role in the successful data migration of a client's ERP system to Salesforce

NCR Corporation – Atlanta, GA

May 2022 - December 2022

Software Engineering Intern/Part-time

- Utilized .NET Core and Angular frameworks within a microservices architecture, following scrum agile development, to create a new developer sandbox web application that enabled internal and external developers to seamlessly integrate with NCR's APIs, enabling rapid application development
- Effectively led a group of 3 engineers, communicating updates and project progress with stakeholders, to successfully deliver a multi-level user interface that caters to various user roles, enhancing overall user experience and system security
- Enhanced device management capabilities for customers by streamlining access to device analytics with GraphQL, providing an instant view to the UI and eliminating the need for manual queries

EDUCATION

University of Georgia - Athens, GA

M.S. in Computer Science

January 2022 - May 2024

GPA: 3.72/4.00

Coursework: Machine Learning, Data Mining, Advanced Cloud Computing, Algorithms, Database Management

Bachelor of Science in Computer Science, Magna Cum Laude

August 2019 - May 2023

Minors: Business and Spanish (ILR Level 3 – Working Professional Proficiency)

GPA: 3.82/4.00

PROJECT EXPERIENCE

Solar-Powered Environmental Sensor Platform

August 2023 - May 2024

Master's Project

- Contributed to the development of a fault-tolerant sensor platform utilizing machine learning prediction algorithms to provide valuable insights into the long-term health of saltwater marsh ecosystems
- Enhanced system modeling with Python to visualize, test, and evaluate the impact of various environmental factors on the platform's sensing and energy collection forecasting capabilities
- Employed rapid prototyping to test the platform in outdoor conditions and address vulnerabilities

Carbon Emissions Analytics Platform

February 2024 - May 2024

Database Management

- Led a group of 4 students in the end-to-end design, development, and testing of a Docker containerized carbon analytics application integrating PostgreSQL and FastAPI REST API for efficient communication between a user-friendly frontend interface and backend components, clearly presenting our dataset

Machine Learning Music Popularity Prediction Platform

August 2023 - November 2023

Data Mining

- Executed comprehensive data collection, visualization, and cleaning to create datasets of music audio features compiled from Spotify's Web API and leveraged predictive models to gauge music popularity
- Improved model accuracy by 26% by performing hyperparameter tuning and enhancing data quality

INVOLVEMENT

UGA Men's Club Lacrosse – Athens, GA

September 2019 - May 2023

Event Coordinator and Captain

September 2022 - May 2023

- Independently managed a travel budget exceeding \$35,000 and organized cross-country team travel