Kevin Nyquist

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TECHNICAL SKILLS

- **Programming Languages**: Java(Proficient), TypeScript/JavaScript(Proficient), HTML/CSS(Proficient), C#(Proficient), SQL(Intermediate), Python(Intermediate), C++(Intermediate), GraphQL(Familiar)
- **Additional Skills**: .NET, Angular, MySQL, Unix, GitHub, JIRA, DevEx, Postman, REST API

RELATED EXPERIENCE

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 web application for improving internal/external developer experiences
- Streamlined access to device analytics by building new features that utilized internal APIs to provide an instant view to the customer UI, empowering customers with enhanced device management capabilities
- Led a group of 3 part-time workers dedicating 100+ hours to building a new responsive web application
- Ensured high-quality standards and alignment with project objectives through effective leadership

Northside Hospital – Atlanta, GA   May 2021 - August 2021
IT Security/Technology Intern
- Employed cloud-based tools to generate and collect valuable network security data analytics to expedite reports going to upper management, aiding in IT departmental decision-making processes

EDUCATION

University of Georgia - Athens, GA
M.S. in Computer Science   January 2022 – May 2024
GPA: 3.61/4.00
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
GPA: 3.82/4.00

PROJECT EXPERIENCE

IoT-Edge Environmental Sensor and Analytics Platform   August 2023 – Present
Master's Project
- Coordinate with two peers to build a fault-tolerant remote energy-harvesting IoT-Edge device platform for the collection and analysis of long-term environmental data in saltwater marshes
- Enhance 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
- Communicate and solve multi-disciplinary problems to successfully deploy the remote platform

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
- Evaluated performance metrics of different models to assess and optimize their predictive capabilities

UX Redesign of RampantStrategy Educational Platform   January 2023 - May 2023
Human Computer Interaction
- Led a group of 5 students in conducting HCI accessibility research and design on a web application used by 1000+ university students per semester resulting in the successful creation an enhanced UX

INVOLVEMENT

UGA Men's Club Lacrosse – Athens, GA   September 2019 – December 2023
Offensive Coordinator   September 2023 – December 2023
- Lead practices and devise strategic plans to achieve team goals

Event Coordinator and Captain   September 2022 - May 2023
- Independently managed a travel budget exceeding $35,000 and organized cross-country team travel