

Kevin Granados (He/Him)

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EDUCATION

Hunter College, NY – B.A. in Computer Science with Minor in Mathematics
New York City College of Technology, NY – Computer Science A.S
Relevant Coursework: Problem Solving, Data Structures, Algorithms

Grad Date: December 2024
August 2020 – May 2022

EXPERIENCE

Microsoft – Software Engineer Intern May 2024 – August 2024

- Streamlined the management of 150,000+ DC settings across 100+ Azure Storage teams by enabling efficient querying and resolution of orphaned settings, cherry-picks, and critical issues, to reduce outages and empower proactive issue resolution across all of Azure Storage
- Designed a robust solution by developing 3 C# services to extract, clean, and parse DC setting information, automate the addition of new schemas into Cosmos DB, and output all setting information to facilitate real-time updates and historical data backfilling for 4,000+ schema versions used on Azure Storage Tenants
- Developed and utilized 20+ Kusto queries that grants all Azure Storage Teams insights into the lifecycle of their settings and issues using setting information gathered, enabling proactive resolution of missing or misconfigured settings during rollout to prevent outages across all of Azure Storage

NYC Department of Transportation – Application Developer Intern January 2023 – May 2024

- Collaborated with the DOT Project Management team to develop a C# and React.js application that optimized the construction and design processes for NYC street markings, leading to improved project efficiency.
- Designed and implemented five configuration interfaces to streamline contract management within the application while additionally, developed and deployed 10+ backend services to efficiently handle API requests across the platform
- Addressed and resolved over 20 critical bugs in the UI as well as implemented Unit Tests using xUnit to ensure application stability and performance

Microsoft – Software Engineer Intern May 2023 – August 2023

- Led the Azure Storage DC-Auto Generator project focusing at Auto-Generation of C++ headers with DC Settings used to control Azure Storage behavior at runtime and to reduce Azure Storage outages
- Designed and incorporated over 10 features using C# into the DcCodeMap, Schema Analyzer classes, which introduced Custom Attributes functionality for schema parsing aiding in determining macro auto-generation
- Established naming conventions using XML Custom Attributes allowing for flexibility for other Azure Storage teams to seamlessly integrate within their projects
- Automated the process for over 10000+ of manual DcSettings entries, reducing human error/outages/developer cost and enhancing efficiency for Azure Storage settings at runtime

Microsoft – Explore Intern May 2022 – August 2022

- Led an intern team of 3 for the complete redesign, development, and deployment of Microsoft's Mastering the Marketplace website to help publishers build transactable offers and SaaS Solutions on Microsoft's Azure Marketplace
- Utilized the ASP.Net framework alongside C# to implement features and reduce bugs in Azure's SaaS Accelerator
- Implemented features and trained AI model to Microsoft's Azure Mastering the Marketplace Q&A OpenAI bot using Angular.js and typescript

PROJECTS

Georgia Institute of Technology – Hackathon Participant

Hacklytics 2024

- Contributed to a project that won 1st Place in the Healthcare Track at Georgia Institute of Technology Hacklytics 2024, competing against over 1100+ participants and 200 projects.
- Led the system design for a blockchain-based platform to ensure patient data privacy and transparency, complying with HIPAA regulations by crowdsourcing information with patient consent
- Developed the end-to-end front-end process using React, MongoDB to integrate hospitals, doctors, and patients for them to add procedure information as well as view information.

KGBot - Project Leader/Founder

Discord Bot Team Project

- Created KGBot with a team of three college freshman and guided them by teaching the fundamentals of python, discord.py and reviewing/approving pull requests made to the KGBot Github repository
- Implemented over 20+ features/commands that were requested by community feedback using Python, Reddit API, Giphy API, discord.py, and deployed using Heroku and Github

SKILLS

Python, C, C++, C# (.Net), SQL, HTML, CSS, JavaScript