

# 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

**NYC Department of Transportation** – Application Developer Intern January 2023 – Present

- Collaborated with the DOT Project Management team to develop an application aimed at optimizing the construction and design processes for the markings of NYC Streets using C# and React.js
- Designed and implemented five configuration interfaces to facilitate contract management and implemented over 10+ backend services to handle API requests across the web application
- Addressed and resolved over 20 critical bugs in the UI as well as implemented Unit Tests using xUnit to ensure application stability and performance
- Conducted presentations and demonstrations to the Project Management team, showcasing project contributions

**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

**Two Sigma** – Mentee July 2021 – August 2021

*External Mentor Connect Program*

- Worked alongside a Two Sigma engineer as a mentee to contribute to NumPy's open-source code tackling issues presented by users in NumPy's GitHub issue section using Python, C, Git, Pdb, iPython
- Successfully fixed a security flaw related to String Comparison of six strings reported by NumPy's analysis tool using C
- Improved two NumPy functions efficiency by 40% using basic algorithms and deprecated eight numeric style dtype strings
- Delivered a live presentation on all contributions completed in NumPy's open-source code to board of full time Two Sigma engineers

## PROJECTS

**Jane Street** – Hackathon Participant

*Electronic Trading Challenge*

- Collaborated with two fellow interns in a hackathon with over 30 teams to develop a trading bot in a simulated market
- Enhanced the bot's efficiency by integrating stock trading strategies and tactics provided by Jane Street with the bot completing 500+ stock market trades successfully
- Successfully deployed the bot on an Ubuntu server utilizing Amazon EC2 Cloud service

**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
- Optimized five KGBot's discord features/commands output by over 90%

## SKILLS

**Programming Languages**

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