

Kery Severino Diaz

Aspiring AI/ML Engineer | Website: <https://kersevdiaz.com> | 646-428-4140 | KerySeverino@gmail.com | New York, NY | Github: github.com/KerySeverino | LinkedIn: linkedin.com/in/kery-severino-diaz-ba21bb281

About Me: I'm a passionate and adaptable person driven by heart and purpose. I love working with Python, Data, and Machine learning. Having worked with various technologies, I'm always open to learning something new and growing as a developer. My long-term dream is to become an AI/ML Engineer, building intelligent systems that create waves and have a real meaningful impact on the world.

EDUCATION:

Lehman College, CUNY, Jan 2025

Bachelor of Science in Computer Science - GPA 3.5, Minor: Computer Applications, GPA 3.7

Relevant Coursework: Data structure and algorithms, Operating Systems, Artificial Intelligence, Mobile Programming for Android

CERTIFICATES AND PROFESSIONAL TRAINING

- **Coursera**, Stanford & DeepLearning.AI - Machine Learning Specialization, Expected June 2025.

- **Lehman College**, CUNY - Full Stack Web Developer Bootcamp, June 2023

- **Postman**, API Fundamentals Student Expert Badge, June 2023

- **SoloLearn**, Java, C, Python, HTML, March 2023

SKILLS:

Operating Systems: MacOS, Windows

Languages: Python, Java, Javascript, SQL, C, C++

Front-End: HTML5, CSS3, React, Bootstrap, Tailwind CSS, Next.JS

Back-End: Postgres, MySQL, NodeJS, AWS

Software: Visual Studio Code, PyCharm, Eclipse, GitHub, Git

Fluent in: Spanish, English

SoftSkills: Communication, Problem-solving, Fast learner, Hardworking, Teamwork, and Leadership

PROJECTS:

AI/ML Roadmap - Python, SQL, Machine Learning

April, 2025

- Building a self-directed roadmap to become an AI/ML Engineer
- Currently pursuing the Machine Learning Specialization by Stanford & DeepLearning.AI on Coursera
- Actively studying Python, SQL, statistics, and linear algebra with real-world ML projects in progress

WebDevPortfolio - Next.JS, Tailwind CSS

Jun 2024

- Designed and built a personal portfolio to showcase GitHub projects and technical skills
- Implemented modern UI with responsive layout using Next.js & Tailwind CSS
- Deployed site at kersevdiaz.com to highlight frontend and full stack capabilities

Spellbound - Java, Object-Oriented Programming

Jun 2024

- Created a 2D adventure game with a physics engine and advanced OOP architecture
- Implemented features like sprite animation, hitboxes, user interface, and camera tracking
- Practiced modular design and reusable components for scalable development

SpaceShooter - Python, Pygame

Nov 2023

- Developed a retro-style shooter game with wave-based enemy system and final boss battle
- Built player controls, shooting logic, enemy AI, and collision detection
- Demonstrated clean logic and structured problem-solving with Python game loops

File Organizer - Python

Oct 2023

- Automated file organization by categorizing files into folders based on extension
- Added error handling and dynamic folder creation for better UX
- Improved desktop file management with a lightweight, easy-to-use script

WeatherApp - Python, Tkinter, Openweathermap API

Oct 2023

- Created a weather app with clean UI using Tkinter with Bootstrap styling and Tkinter GUI
- Integrated OpenWeatherMap API to display real-time weather and 5-day forecast
- Designed intuitive input system and tested for accuracy and user experience

Full Stack Web Developer (BootCamp) - React, Express, PostgreSQL

June 2023

- Built a full stack application using React, Express, and PostgreSQL
- Practiced team collaboration with Git/GitHub and agile workflows
- Strengthened skills in API development, routing, and state management

MineSweeper - Java

Fall 2021

- Built a full-featured Minesweeper game with custom logic and visual feedback
- Implemented win/lose conditions, board generation, and user input handling
- Wrote clear documentation to support future feature expansion and maintenance

Work Experience:

The City College Of New York, NY

April 17, 2024 - Aug 6, 2024

STEM Research Mentor

- Mentored students through research challenges and project development.
- Gave detailed feedback to help improve quality and clarity of research work.
- Supported experimental design, data analysis, and topic exploration.
- Helped students find resources and build confidence in STEM fields.

Allied Universal @ Meta (Facebook) - Physical Security Guard, New York, NY

June 16, 2022 - Present

- Provided asset protection and facility security while maintaining a professional and customer-first approach.
- Trained in First Aid, Fire Safety, and emergency response; completed weekly protocol updates/trainings.

References available upon request