

Daniel Chelala

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EDUCATION

City University of New York, College of Staten Island

Bachelor of Science in Computer Science

Bachelor of Science in Biology Health Science

Expected December 2025

December 2021

Relevant Coursework:

Software Engineering, C++ Programming, Python Programming, Web Development, Machine Learning & Knowledge Discovery, Artificial Intelligence, Cybersecurity Fundamentals, Networking and Security, Database Systems, Analysis of Algorithms, Data Structures, Computer Game Programming

SKILLS

Programming: C++, Python, HTML, CSS, Vue.js, JavaScript, Bash, R, SQL, Kotlin, Java

Technologies: Git/GitHub, Linux, Windows

Spoken Languages: French (Intermediate), Spanish (Intermediate), Italian (Fair)

PROJECTS

Language-Learning App

In Progress

- Utilizing ChatGPT API, text-to-speech API, speech-to-text API, SQLite database management, and Kotlin
- User will be able to practice language skills with LLM via adaptive learning to match user's skill level

UVC Scavenger Game

May 2025

- Collaborated with classmates to design and develop a 2D puzzle-solving game in Unity using C# with progressive levels requiring players to solve riddles, sequence challenges, and gather clues to unlock a final passkey
- Focused on user engagement through intuitive UI, thematic storytelling, and layered logic challenges

BERT Hate Speech Detection Model

Jan 2025

- Trained a BERT hate speech detection model on a labeled dataset of internet tweets
- Included focus on tokenization and context understanding for better and improved accuracy

Keylogger

May 2024

- Created simple and discreet keylogger as part of Networking and Security class that writes keystrokes to a log file while program remains hidden from the victim

Kitty Galore

Apr 2024

- Developed a solo web application as part of Web Development class that implements the usage of HTML, CSS, JavaScript, Bootstrap, and API GET methods
- Created interface that allows users to generate random images of cats based on input parameters such as tags, text to display, text font, and image filters by making API request to fetch cat image based on desired inputs

VIRTUAL EXPERIENCE

GE Aerospace Explore Digital Technology virtual experience program on Forage

April 2025

- Completed a Vue.js UI development simulation for the Frontend Development Team, demonstrating proficiency in Vue SFC Playground by implementing headings, images, buttons, and dynamic variable displays for efficient user interactions
- Drafted technical requirements and explored strategies to align specifications with business needs for effective solutions

CompTIA PenTest+ Cert Guide (PT0-002) on uCertify

Dec 2024

SUPPORTING EXPERIENCE

Four Fitness Hamilton Park

Jersey City, NJ

Receptionist

Oct 2023 – Present

- Serving as the first point of contact for gym members, assisting with inquiries and ensuring a welcoming environment
- Managing phone communications, providing information and addressing client needs
- Monitoring and maintaining optimal pool chemical levels, ensuring a safe and hygienic environment

College of Staten Island

Staten Island, NY

Lab Research Student

Feb 2022 – Apr 2022

- Contributed to research on pathological tau protein related to chronic traumatic encephalopathy (CTE) and Alzheimer's Disease, assisting with data collection, analysis, and interpretation
- Gained experience in research methodology, including literature review, data management, and experimental procedure

ASSOCIATIONS

Clubs: CSI Computer Science Club, CSI Women in Technology Club