

Gina-Marie Elbanna

732-337-7700 | gina.elbanna246@gmail.com | Avenel, NJ 07001
| github.com/GinaElbanna | <http://www.linkedin.com/in/gina-elbanna>

SUMMARY

Computer Science major and Math minor with strong research, teamwork, and creative problem-solving skills. Interested in software engineering, web design, and game development with a passion for coding as a means of creation.

EDUCATION

Bachelor of Science in Computer Science

May 2025

Monmouth University | West Long Branch, NJ

GPA: 3.9/4.0

Relevant Coursework: Advanced Object-Oriented Programming (C++) | Cyber Security | Computer Networks | Operating Systems | Games Dev

Bachelor of Science in Computer Science

Sep 2022 - May 2023

New Jersey Institute of Technology | Newark, NJ

Obtained 25 credits

Relevant Coursework: Advanced problem-solving in Java | Roadmap to Computing (Python)

PROJECTS

Tutoring web app

May 2025

- Senior project to conveniently connect Monmouth University tutors with students seeking academic assistance
- Work in a team of five students for two semesters to code, test, and deploy a web app built from scratch using HTML, CSS, JavaScript, PHP, and Python
- Employ Firebase's Firestore database and Authentication service for managing twenty users' data

Du Hero

May 2025

- Side-scroller platformer video game project through an independent study on the GDevelop game engine
- Write logic-based code to create one level of gameplay with self-drawn graphics

EXPERIENCE

Research Assistant

Oct 2024 - May 2025

Monmouth University | West Long Branch, NJ

- Research formal verification techniques to reason about relational quantitative properties of programs
- Apply new understandings of research materials to existing work to improve efficiency

Lab Assistant for Computer Science

Oct 2023 - May 2025

Monmouth University | West Long Branch, NJ

- Support 5-7 students, by answering questions, on an as-needed basis outside of data structure classes
- Help Computer Science and Software Engineering students with Python and Java coding concepts

Instructor

Aug 2024 - Sep 2024

iCode | Shrewsbury, NJ

- Lead engaging and interactive robotics classes with six students for a summer course
- Build fourteen VEX robots with students and utilized Vex IQ block code to program functions into them
- Teach six students simplified concepts of debugging to solve reoccurring problems

SKILLS

Coding Environments: Visual Studio, Visual Studio Code, Eclipse, IDLE, Android Studio, MySQL, JGrasp

Technical Skills: Problem-solving, debugging, web design, No-SQL databases, FPL, Microsoft suite, design

Tools: GitHub, Wireshark, Firebase

Languages: Java, C++, SQL, Python, HTML, CSS, Kotlin, JavaScript, Ocaml, R

LEADERSHIP & INVOLVEMENT

- Member of the International Honor Society for the Computing and Information Discipline UPE
- President of the Monmouth Gamers United Club present
- Member of the IEEE/ACM Student Chapter present
- Volunteer for Monmouth Hawk Hack 2025