

George Farag

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EDUCATION

CUNY College Of Staten Island

Bachelor of Computer Science

Staten Island, NY

Aug. 2022 – May 2026

EXPERIENCE

Web Developer

December 2024 - December 2025

Grit Startup

- Developed a user registration website using HTML and CSS to support product access and customer onboarding.
- Translated design concepts into responsive, user-friendly front-end web pages.
- Collaborated with non-technical team members to understand requirements and explain technical solutions in clear and accessible terms.
- Participated in iterative feedback and improvement cycles to enhance usability and visual design.

PROJECTS

Dolphin Finder App *Python, Django, Supabase, Flutter*

- Built secure and efficient endpoints for user registration, login, project creation, and search functionalities, optimizing for performance and clarity.
- Collaborated with Flutter frontend developers to ensure clean API design and smooth integration.
- Participated in agile development cycles, contributing to sprint planning, daily standups, and Git-based code reviews to maintain high team productivity.

Runtime Analysis Program *C++*

- Created a program that calculated the running time of different algorithms using multiple case scenarios.
- Implemented functions to accurately calculate the number of steps each algorithm took.
- Compared algorithm performance to determine the most efficient case use for each one.

ATM Simulator Program *Java*

- Designed classes and interfaces to manage bank account types, including checking, savings, and student accounts.
- Implemented exception handling to prevent arithmetic errors and validate user login credentials for secure access.
- Used data structures to optimize functionality and enhance the user experience.

Calculator app *Java*

- Created a user-friendly UI to make the app easier to use.
- Implemented the ActionListener interface to handle button clicks and process arithmetic operations.
- Created simple operations such as addition, subtraction, division, and multiplication.

TECHNICAL SKILLS

Languages: Python, C++, Java, HTML, CSS, JavaScript, Assembly.

Frameworks: Bootstrap, Django

Developer Tools: Visual Studio, Visual Studio Code, IntelliJ, Replit, Intel Quartus, Pycharm, Git/GitHub.

ASSOCIATIONS

Member at the CSI computer science club, member since 2023

Member of the BASTA Discovery program, member since 2024

Member of codepath advanced technical interview prep, member since 2025