Francesca Dumary

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Education

Florida Atlantic University Boca Raton, FL
Bachelor of Science in Computer Science May 2026
GPA: 3.6/4.0

Relevant Coursework

Programming 1, Programming 2, Foundations of Computing, Introduction to Internet
Computing, Data Structures and Algorithm Analysis, Design and Analysis of Algorithms

Technical Skills

<u>Languages</u>: C/C++, Python, HTML5, CSS3, JavaScript
<u>Software</u>: Microsoft Office, Visual Studio, Jupyter Notebook, Figma
<u>Operating Systems</u>: Windows

Projects

Web/App Development (PlutoHacks, Fall 2024)
Designed a mockup of "Crisis Commander", a web application that manages emergency
situations by enabling real-time interaction between patients, faculty, and administrators.

- Tools used: HTML, CSS, JavaScript, Figma

Web/App Development (ShellHacks, Fall 2024)
Designed the front end of a web-based application called "StudyBudy." This application takes
PDF files containing school notes and uses ChatGPT to automatically generate quizzes.

- Tools used: HTML, CSS, JavaScript

Web/App Development (PlutoHacks, Fall 2023)
Designed the front end of a web-based application called "EZNote." This application utilizes
OpenAI's ChatGPT and Whisper APIs to convert recorded audio into formatted notes.

- Tools used: HTML, CSS, JavaScript, Figma

Activities

Women in Engineering & Computer Science at FAU, *Member* Sep 2024 – Present
Girls Who Code at FAU, *Member* Sep 2024 – Present
National Society of Black Engineers at FAU, *Member* Jan 2025 – Present
Society of Hispanic Professional Engineers at FAU, *Member* Jan 2025 – Present
Society of Women Engineers, *Member* Feb 2025 – Present