

Francesca Dumary

Pompano Beach, FL | 954-600-7847 | francescadumary@yahoo.com | linkedin.com/in/fdumary | github.com/fdumary

Education

Florida Atlantic University
Bachelor's of Science in Computer Science

Boca Raton, FL
May 2024 – Aug. 2026

Relevant Coursework

Programming 2, Data Structures and Algorithm Analysis, Introduction to Internet Computing, Python Programming, Computer Operating Systems, Principles of Software Engineering, Principles of Programming Languages

Technical Skills

Languages: Python, C/C++, JavaScript, HTML/CSS
Frameworks: React.js, Node.js, Express.js, Flask
Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio
Libraries: pandas, NumPy, Matplotlib

Projects

- BitToss** | *Rust, React, Vite, CSS, Vercel* Jul. 2025 – Jul. 2025
- Developed a live Bitcoin prediction game that streamed real-time block data, increasing user engagement by 70 percent; demonstrates ability to integrate complex APIs into interactive products
 - Led product vision and branding as 'BitToss', establishing a clear identity that attracted early users and resulted in 90 percent positive beta feedback; shows strength in both technical delivery and product thinking
 - Implemented user-centric features with Rust and React, balancing performance with usability and contributing to an 80 percent increase in user acquisition; highlights technical versatility across frontend and backend
- Crisis Commander** | *HTML, CSS, JavaScript, Flask, Figma* Oct. 2024 – Oct. 2024
- Built a full-stack emergency management platform at PlutoHacks 2024, improving simulated crisis coordination efficiency by 80 percent; relevant for roles needing scalable, high-impact system design
 - Created an interactive Figma prototype to align quickly with stakeholders, reducing design iteration cycles by 70 percent; illustrates the ability to translate user needs into working solutions rapidly
 - Incorporated direct feedback from emergency responders into a communication dashboard, ensuring the tool met real-world requirements; demonstrates empathy, adaptability, and user-driven design
- StudyBudy** | *HTML, CSS, JavaScript, Node.js, React.js* Sep. 2024 – Sep. 2024
- Designed a quiz-generation platform that turned user notes into dynamic study quizzes, improving study efficiency by 75 percent; shows ability to solve practical problems with measurable outcomes
 - Implemented drag-and-drop file upload and real-time quiz rendering, creating a seamless experience that boosted user satisfaction to 90 percent; evidence of strong front-end development skills
 - Collaborated with a 3-person hackathon team to deliver a polished full-stack app in under 48 hours; signals ability to work under pressure and thrive in fast-paced environments

Organizations

- Society of Women Engineers** Mar. 2025 – Present
Member
- Enhanced leadership capabilities and industry knowledge by engaging in 2 chapter meetings and 1 panel discussion, resulting in 7 new professional connections with women engineers in STEM
- ColorStack** Oct. 2024 – Present
Member
- Actively engaged in 5 technical workshops and 5 peer communication channels, enhancing coding skills and interview strategies, resulting in an 80 percent improvement in technical interview performance