

# MEGANE ALEXIS

malex092@fiu.edu ~ 7868221272 ~ <https://linkedin.com/in/megane-alexis> ~ [github.com/megane18](https://github.com/megane18)

## EDUCATION

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### Bachelor of Arts in Computer Science

July 2026

Florida International University (FIU); Miami, FL

- GPA: 3.7/4.0
- Member of Break Through Tech, WiCS(Women In Computer Science), INIT, Tech Talent Academy

### Associates of Arts and Science in Economics

April 2022

Miami Dade College; Miami, FL

- GPA: 3.9/4.0

## EXPERIENCE

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### ContinuED | Miami, FL

May 2024 - Present

*Intern Front-End Developer*

- Performed tuning front-end to boost user experience through caching and code optimizations.
- Constructed reusable UI components to promote consistency and maintainability.
- Gained valuable experience across full stack, contributing to application's security, speed, and overall quality.

## PROJECTS

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### Binary Quest: Interactive Number Guessing Game | Miami, FL

June 2024 - June 2024

- Architected Python-based game using Pygame, improving proficiency in object-oriented programming and event-driven development
- Constructed engaging user interface, improving UI/UX design skills and dynamic text rendering techniques
- Developed game logic system based on binary search principles, strengthening algorithm implementation and problem-solving abilities
- Designed custom audio-visual elements, including sound integration and particle animations, expanding multimedia programming capabilities

### Banking System Simulation | Miami, FL

January 2023 - April 2023

- Created a Java-based banking system simulation with a text-based user interface
- Applied object-oriented programming principles to design an efficient and scalable system
- Developed and integrated core banking functions such as account creation, deposits, withdrawals, and transfers
- Built a user-friendly interface using console-based graphics and intuitive menu systems
- Implemented error handling and input validation to increase system robustness
- Demonstrated problem-solving skills by addressing complex financial transactions and data management challenges

## SKILLS

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- Programming languages and Frameworks: Java, JavaScript, Python, React, HTML, CSS
- Software Tools: IntelliJ, Visual Studio Code, Android Studio, Git, GitHub

## RELEVANT COURSEWORK

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- Data Structures and Algorithms, System Programming, Software Engineering I, Calculus I, Programming II.

## EXTRACURRICULAR INVOLVEMENT

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### Girls Who Code Leadership Academy; Miami, FL

July 2024 - Present

*Participant; Miami, FL*

- Selected to join a prestigious program aimed at empowering young women in technology and leadership.
- Engaged in intensive workshops focusing on advanced coding skills, project management, and leadership development.
- Led team projects addressing real-world challenges in technology, demonstrating effective teamwork and problem-solving abilities.
- Networked with industry professionals, gaining insights into career pathways and opportunities in technology.