

# Leonardo Salcedo

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## EDUCATION

### University of Maryland

*Bachelor of Science in Computer Science*

College Park, MD

Sep. 2024 – May 2028

- Relevant Coursework: Object-Oriented Programming II, Honors Multivariable Calculus, Linear Algebra, Differential Equations I

## EXPERIENCE

### Intern

*Houston Basketball Academy*

Mar. 2024 – Aug. 2024

Cypress, TX

- Assisted with group training sessions of 15+ players and private sessions
- Maintained gym upkeep by mopping court and organizing equipment
- Offered feedback to main coaching staff to enhance training strategies

### Lab Mentor

*iCode Cypress*

Dec. 2022 – Oct. 2023

Cypress, TX

- Communicated with parents to discuss student progress and behavior
- Led a class of 6 students in learning foundational computer science concepts using Scratch and Scratch Jr
- Provided comprehensive STEM camps during school breaks in YouTube creation, Minecraft modding, and robotics

## PROJECTS

### Digital Portfolio | *React, JavaScript, HTML, CSS*

Jun. 2024 – Present

- Developing a personal digital portfolio using React to showcase projects and skills
- Designed and implemented interactive components and responsive design
- Continuously improving and expanding the portfolio with new features and content

### Dig Dug Clone | *Java, AWT, Swing, Java Sound API*

Mar. 2023 – Apr. 2023

- Developed a Dig Dug clone using Java with AWT and Swing for graphics and animations
- Programmed game mechanics, player controls, enemy behaviors, and collision detection
- Implemented dynamic game states and pause functionality for user experience
- Integrated sound effects and background music with Java Sound API

### Battleship Clone | *Java, AWT, Swing, Java Sockets, Java Sound API*

Nov. 2022 – Jan. 2023

- Developed a multiplayer digital Battleship using Java
- Designed and implemented game graphics and user interface using Java AWT and Swing
- Implemented network communication using Java Sockets for multiplayer functionality, including server-side logic
- Integrated sound effects using the Java Sound API

## EXTRACURRICULAR ACTIVITIES

### Secretary

*Cypress Woods HS Computer Science Club*

Sep. 2021 – Mar. 2024

Cypress, TX

### Vice President of Meetings

*Young Men's Service League*

Sep. 2021 – May 2024

Cypress, TX

### Player

*Cypress Woods HS Boys Basketball*

Sep. 2020 – Feb. 2024

Cypress, TX

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript, HTML, CSS

**Frameworks:** React, Node.js

**Developer Tools:** Git, VS Code, IntelliJ, Eclipse