Leonardo Salcedo

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EDUCATION

University of Maryland   College Park, MD
Bachelor of Science in Computer Science   *Sep. 2024 – May 2028*
- Relevant Coursework: Object-Oriented Programming II, Honors Multivariable Calculus, Linear Algebra, Differential Equations I

EXPERIENCE

Intern   Mar. 2024 – Aug. 2024
Houston Basketball Academy   *Cypress, TX*
- Assist with group training sessions of 15+ players and private sessions
- Maintain gym upkeep by mopping court and organizing equipment
- Offer feedback to main coaching staff to enhance training strategies

Lab Mentor   Dec. 2022 – Oct. 2023
iCode Cypress   *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*   June 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

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML, CSS
Frameworks: React, Node.js
Developer Tools: Git, VS Code, IntelliJ, Eclipse