Robert Ferrell

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GitHub | LinkedIn | Webpage

EDUCATION

- B.S, Computer Science - Louisiana State University, Rouge **GPA 3.9 Spring 2025**
- **Related Coursework:** Data Structures, Object Oriented Design, Computer Organization, Operating Systems, Databases, Systems Programming and Software Engineering.

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, Typescript, SQL, Python, HTML/CSS, C#
- **Frameworks:** React, React Native, JUnit, Unity
- **Configuration Management:** Git, GitHub, JIRA
- **Tools:** Eclipse, PyCharm, Intelli J, VS Code, Figma, Firebase
- **Communication:** Slack, Discord
- **Project Management:** Scrum, PERT, Requirements Modeling

NOTABLE PROJECTS

Bark – Mobile App
- Lead a team of 5 for the development of "Bark" – a react native app designed to help pet owners find new friends.
- Educated my teammates on react native concepts, iterating on best practices.
- Created mockup designs in Figma as a guideline for my team.
- Integrated Firebase's real-time database and authentication.

The Catch – Mobile App / Product
- Conceptualized and created a dating app with a team of 5 members.
- Performed market research to identify novel features and effective monetization strategies.
- Designed in Figma and implemented in React Native
- Pitched the final product to a panel of investors and was scored as best pitch.

Rooted In Math - Game
- Led a team of three to victory in the brisk development of "Rooted in Math," a Unity 2D math-based puzzle game, designed under the constraints of a 38-hour hackathon.
- Created a random equation generation system enhancing replayability, and player engagement

Achievements, Awards, certificates

- WICS/SSL Hackathon - First Place *April 2023*
- GDC Summer Game Jam – First Place *May 2023 – August 2023*
- SASE 2023 Hackathon - Second Place *October 2023*
- Tiger AI Certification *May 2024*
- Dean's List (4x Semesters) *August 2022 – Present*
- Presidents List *Fall 2024*
- Google Developer Student Club Officer *August 2023-Present*