LANCE ANDREI R. ESPINA

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SUMMARY

Computer Science student with a growing interest in front-end development for web and mobile platforms. Experienced in building user interfaces using Android Studio and working on academic projects such as an automaton simulator. Open to learning new technologies and contributing to team efforts. Recognized for steady academic performance and involvement in collaborative projects that blend creativity and technical work.

SKILLS

- **Languages:** JavaScript, Python, C++
- **Web Tools:** React, HTML, CSS, Tailwind, Firebase, SQLite, Git, GitHub,
- **Other:** Collaboration, Team Leadership, Debugging

PROJECTS

DATU SANDIGAN (2D Platformer Game)

- Led the creative direction for the game: coordinated the story, cutscenes, voiceovers, and sound design with a small team
- Supported back-end development: integrated gameplay logic and added visual shaders and lighting effects to enhance gameplay feel
- Ensured smooth team communication across design, sound, and code teams under tight deadlines.

REDHELM321 (Emergency App)

- Designed and implemented the user interface using XML in Android Studio for a mobile emergency response app
- Developed intuitive screens for SOS alerts, emergency contacts, and location sharing
- Ensured mobile responsiveness and accessible UI for quick interactions during emergencies

AUTOMAT CITY (Automaton Simulator)

- Developed the front-end interface for a web-based automaton simulator using React
- Created interactive visualizations for different types of automata.
- Ensured real-time updates of the simulation using React's state management
- Designed responsive UI with CSS and Tailwind for seamless experience on mobile and desktop

EDUCATION

Bachelor of Science in Computer Science   **Aug 2022 - Present**
Batangas State University - Alangilan Campus
- Relevant Course: Data Structures and Algorithms, Web Systems Technology
- GWA: 1.29
- Expected Graduation: 2026

AWARDS/ACTIVITIES

- **Mentor, Game Development, SCRIPT (2025)**
- **Passer,** DOST JLSS 2024 (2024)
- **2nd Place,** Game Development, UMak IT Skills (2024)
- **Finalist,** SUCCESS PROGRAM (2024)
- **Dean's Lister** (2022 to present)