

JOEL R

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EDUCATION

LOYOLA-ICAM COLLEGE OF ENGINEERING AND TECHNOLOGY

2023-2027

BE in COMPUTER SCIENCE

ENGINEERING (ONGOING)

CGPA:8.49

ROSEMARY MATRIC.HR.SEC.SCHOOL

+2(92.8%), +1(90%)

AWARDS & CERTIFICATIONS

- MATLAB ONRAMP

SKILLS

- **Programming languages:** Java, C, Python.
- Communication skills
- Problem-solving skills
- Organization and time management skills

PROFILE

Motivated 2nd-year Computer Science Engineering student with a strong foundation in problem-solving and technology. Passionate about learning new skills, applying knowledge to real-world projects, and collaborating in team environments. Possesses strong analytical abilities, a proactive mindset, and communication skills, eager to contribute to innovative solutions in computer science.

PROJECTS

- **SmartPark – AI-Driven Parking Management** -SmartPark uses infrared sensors and Arduino Uno to detect parking occupancy and display real-time availability, reducing stress and improving efficiency.It was Built with C, it streamlines private parking management with future plans for geostatic analysis to tackle congestion
- **Space Shooter Game** -I Developed a Space Shooter game as part of an Object-Oriented Programming (OOP) mini project, implementing player controls, enemy AI, collision detection, and smooth animations. Designed an interactive user interface and optimized game mechanics for performance. Applied OOP principles, event-driven programming, and JavaFX to enhance gameplay experience.