

Aneesh Ereddy

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PROJECTS

- RelaxED AI | *Hackathon Winner*** | *React, MongoDB, TypeScript, Express, Node, Python, C* September 2024
- Second Place Hardware Hack Winner at HackTheHill
 - Integrated and fine-tuned OpenAI model for enhanced performance and personalized responses.
 - Created secure accounts using hashed passwords and authentication tokens, with client-server communication using Express.js
 - Worked on implementing and designing the Front-end using React
- TerraSphere** | *React Native, Tailwind, Redux Toolkit* August 2024
- Terrahacks hackathon submission that incentivizes eco-friendly behavior/activities
 - Used OpenAI API and custom prompts in order to decipher the contents of pictures taken by the user.
 - Implemented Google Maps API to integrate a 'Park Finder' screen into the application
 - Programmed and designed the GUI using React Native and Tailwind CSS
- 3D-Printed Armbot** | *C++, Arduino, CAD*
- Designed the base and arms of the robot using CAD
 - Used Arduino electronics, servo motors, joysticks along with 3D printed parts to put together
 - Code written in C++ using Arduino

TECHNICAL SKILLS

Languages: Python, C++, Java, JavaScript, HTML/CSS
Frameworks: React/React Native, Node.js
Developer Tools: Git, VS Code, Arduino, PyCharm, IntelliJ, Eclipse, Turing, Ready To Program

EXPERIENCE

- uORover Member** Sep. 2024 – Present
University of Ottawa *Ottawa, ON*
- Working with a group of driven and like-minded engineers
 - Helping develop a Mars Rover prototype that will be tested in a NASA test facility
- Lifesaving Swim Instructor and Lifeguard** July 2022 - August 2023
Town of Whitchurch-Stouffville & Camp Green Acres *Markham-Stouffville, ON*
- Taught over 150 swimmers in multiple low-high level lifesaving courses
 - Worked alongside a lifeguard team of 4, demonstrating leadership and teamwork skills
 - Managed a safe and secure pool environment by enforcing pool policies, rules, and procedures and looked over the city's competitive swim team

EDUCATION

University of Ottawa Ottawa, ON
Bachelor of Science in Computer Engineering (CO-OP) Sep 2023 - Apr 2028