KURT RUSSELL M. ACOSTA

Alfonso, Cavite, Philippines | (+63) 926 023 2887 | acostakurtruss@gmail.com

SUMMARY

Computer Science undergraduate focused on software engineering, front-end development, and applied machine learning. Experienced in building scalable web applications using React and developing backend services with Flask and Python. Strong foundation in problem solving, API integration, and modern development workflows using Git and component-based architecture. Passionate about building real-world systems that combine clean design, performance, and practical AI solutions.

EDUCATION

De La Salle University - Dasmariñas   *2023 - Present*

Bachelor of Science in Computer Science

- **Dean's Lister:** 2023 - Present
- **GPA:** 3.50/4.00

Rogationist College - Silang   *2021 - 2023*

Science, Technology, Engineering and Mathematics

EXPERIENCE

Director of Public Relations - Internal   *November 2025 - Present*

DLSUD - Computer Science Program Council

Member of Technical Committee   *September 2025 - November 2025*

DLSUD - Computer Science Program Council

SOFTWARE PROJECTS

WHSPR: Transcription & Translation Tool   *January 2025 - May 2025*

Frontend Developer

- Developed responsive web interfaces using vanilla HTML, CSS, and JavaScript, ensuring clean structure and mobile-friendly design
- Led the migration of the project to React, converting static pages into reusable components with state-driven functionality
- Improved performance and maintainability by optimizing layouts, organizing code structure, and implementing modern front-end practices

BadyetHero: Gamified Budget Tracker   *August 2025 - December 2025*

Backend Developer / Machine Learning (ML) Engineer

- Built backend logic and API integration using Flutter, handling data flow between the application and machine learning services
- Developed and trained a Layered LSTM model in Google Colab for sequence-based predictions, including data preprocessing and model evaluation
- Deployed the trained ML model using Flask, enabling real-time inference and seamless integration between the backend and front-end system

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, Dart, SQL, HTML, CSS
Frameworks & Libraries: React, Flask, TensorFlow, Scikit-learn, Pandas, NumPy, Flutter
Developer Tools: Git & GitHub, Google Colab, Visual Studio Code, Supabase
Multimedia Tools: Figma, Canva, Capcut, Adobe Photoshop, Filmora

CERTIFICATES

JavaScript Essential 1 | CISCO Networking Academy   *May 2025*
International Conference on Artificial Intelligence 2026 | De La Salle University - Dasmariñas   *Feb 2026*