

Eleazar A. Romero

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EDUCATION

Systems Technology Institute College of Meycauayan

2021 – Present | Meycauayan, Bulacan

Bachelor of Science in Information Technology

- Dean's List Academic Achievement Award (2021 – 2023)
- President's Honors List (2022 – 2023)

PROJECTS

Capstone Project: Gradify: Image-based Examination Grade Checker Mobile Application with Web Monitoring

- Developed a web application using Ruby on Rails that allows users to manage examination grades, check image-based exam results, and monitor progress.
- Integrated OCR (Optical Character Recognition) technology to process and analyze scanned exam papers for automatic grade extraction.
- Designed a custom examination paper to be used for image-based grading and result processing.
- Applied Agile development principles and collaborated with my team to ensure timely project delivery.
- Designed a responsive, user-friendly interface for seamless mobile and web access.
- Utilized: Flutter, Ruby on Rails, OpenCV, PostgreSQL, and Tailwind CSS
- **Awards and Recognitions:** Best Research, Best in Implementation, Best Overall Exhibit, Best College Theme

Library Management System

- Developed an intuitive desktop application for easy check-in/check-out of books and materials.
- Added role-based access control, providing different permissions for librarians, users, and administrators.
- Integrated QR code system with student ID cards for efficient check-in/check-out of books, allowing students to scan their ID and quickly borrow or return items.
- Utilized: C# and Microsoft SQL

SKILLS

Programming Languages

JavaScript, TypeScript, Ruby, C#, Java, Dart

Libraries and Frameworks

React, Next.js, Tailwind CSS, Express.js, Ruby on Rails, Flutter

Databases

PostgreSQL, MongoDB, Microsoft SQL

Tools and Platforms

Git, GitHub, Figma, Firebase

CERTIFICATIONS

Oracle Systems Foundation (2022)

Java Foundations (2022)

REFERENCES

Mr. Raymond Pacionista
09951748072