

Neil Alden Escobin

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A self starter and proactive developer who enjoys building apps with machine learning models. Has worked on over a dozen projects with clients and research institutions including DOST and UPLB.

Professional Experience

Medicomm Pacific Inc.

Aug 2022 - Present

Junior React Native Developer

- Develops new features and improves existing features for multiple mobile apps

University of the Philippines

Oct 2021 - Present

Mobile Developer (Freelancer)

- Designed and developed an online classroom that allows students to participate in activities and quizzes without internet connection. App was developed using React Native and Firebase and is available in Google Play Store [here](#).
 - Key Features:
 - Online chat system
 - Admin portal and user management
 - Content management system
 - Quizzes and grading system

Laguna State Polytechnic University

Apr - Jul 2022

Software Developer Intern

- Built a mobile app with machine learning features for DOST (Department of Science and Technology) using React Native and Firebase. View app [here](#).
 - Key Features:
 - Monitors and forecasts water quality in Tadalac lake using a machine learning model deployed through Flask API
 - Visualizes water quality data through a heat map built using Python
- Assisted set up and tested water sensors used for data gathering
- Re-created an admin web portal written in PHP using NextJS and migrated its database from XLS to PostgreSQL
- Designed the UI/UX of the app

Lotus Golden Circle

Sept 2018 - Nov 2018

Web Developer (Freelancer)

- Designed and developed a content management system using Laravel, SQL and Bootstrap

Other Client Projects

Web/Mobile Developer (Freelancer)

- 2022
 - Crime detection - Real time image recognition (Python, Flask, Tensorflow, Sklearn, Javascript, HTML, CSS)
- 2022
 - Corn Map - Forecasting of crops with mapping (Python, Flask, Tensorflow, Sklearn, Javascript, HTML, CSS)

2022	• Smart Class - Virtual classroom with student grade prediction (Python, Flask, Tensorflow, Sklearn, React Native, Firebase)
2019 - 2020	• Several POS Systems - CRUD operations and authentication (C#, mySQL)

Education and Certifications

Aug 2018 - Aug 2022	B.S. Computer Science at Laguna State Polytechnic University
Jul 2016 - Jul 2018	Information Communication Technology, STI College Calamba
Jul 2018	Responsive Web Design , FreeCodeCamp About 300 hours of course work on HTML, CSS, Javascript
Dec 2020	Object Oriented Design , University of Alberta, Coursera A 4-week course on object-oriented design principles and guidelines
Feb 2021	MIT 6.006 Introduction to Algorithms , MIT Open Courseware A 24- lecture introduction to mathematical modeling of computational problems
Mar 2021	Javascript Algorithms and Data Structures , FreeCodeCamp About 300 hours of course work on data structures and algorithms

Awards and Extra Curricular

Sept 2022	Best in Thesis (Cluster-based time series analysis of Covid19 risk in Los Baños)
Sept 2022	Best in On the Job Training
Jul 2022	Best Paper, Student Research Congress, Laguna State Polytechnic University
Dec 2021	Participant, 5th International Research Conference on Innovations and Engineering
Jul 2021	2nd Place, Coding Competition, Laguna State Polytechnic University
Aug 2019	President, Great Innovators of Computer Technology Society
Dec 2018	1st Place, Coding Competition, Laguna State Polytechnic University
2018 - 2022	Scholar, Iskolar ng Laguna