John Glen Falceso

johnglenfalceso@protonmail.com | (+63) 9167354738 | Malabon, Metro Manila

EDUCATION

Polytechnic University of the Philippines   **2020-Present**

Bachelor of Science in Computer Science

Manila, Metro Manila

- Relevant Coursework: Computer Programming, Object Oriented Programming, Data Structures and Algorithms, Design and Analysis of Algorithms, Software Development
- Consistent President's lister

SOFTWARE ENGINEERING PROJECTS

Inauthentic E-commerce Product Classifier (Machine Learning Project)   **July 2023**

- Detects inauthentic/fake mobile phone products on E-commerce platform like Lazada.
- Employs supervised machine learning (random forest classifier) to classify inauthentic mobile phones.

Full-stack mobile web application   **June 2023**

- Mobile web application for dog, cat, bird, and fish pet adoption.
- Uses Next.js for front-end and back-end. Firebase for database.

Chrome Extension – Productivity   **April 2023**

- A chrome extension that reminds users to close currently opened tabs that are deemed distracting and unproductive.

Programming Language Lexer and Parser   **February 2023**

- Statically typed scripting programming language that takes inspiration from JavaScript, Java, and Python.

Algorithms Analysis Project   **July 2022**

- Generate English words out of the letter inputs of the user that can be used in word puzzle problems.
- Employs backtracking algorithm for faster word generation.

Freelance Programming   **2020-Present**

- Takes freelance work that involves computer programming, software development, and data science.

SKILLS & INTERESTS

- **Skills:** Computer programming, SQL, Object-oriented programming, Data structures and algorithms, Web development, Mobile Development
- **Interests:** Competitive programming, Automation, Running, Cycling