Jervin Josh Valencia
ECE/ ECT

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SKILLS

Tools and Languages	Python, C++, LaTeX, HTML, CSS, Java, JavaScript, mySQL, Git, Docker, VSCode, IntelliJ, Postman, Vim
Quantitative Research	Machine Learning, Deep Learning, Data Cleaning, Data Pre-processing
Communication	English, Filipino

PROJECTS

AQC-Net PH — 2022
Deep Learning

- The program uses sky images to calculate a range of air quality index values. It was trained with local images and low-cost sensor data.

ViT Age Classifier — 2022
Vision Transformer

- The program calculates a range of possible ages for a person from their image, using a Vision Transformer model.

TECHNICAL EXPERIENCE

Coding Coach & Curriculum Editor (Part-time) — 2020 — 2021
The Coding School — NCR, Philippines

- Instructed students aged 7-19 on the fundamentals of Python and how to apply it in various domains.
- Developed and revised educational resources and instructional guides for the coaches to follow.
- Collaborated with the management and other coaches to provide feedback and suggestions on how to enhance the curriculum.

EDUCATION

Bachelor of Science in Electronics Engineering — 2018 — 2023
University of the Philippines - Diliman — NCR, Philippines

- Passed the PRC Licensure Exam for Electronics Engineer and Electronics Technician on Oct. 2023.

ACTIVITIES

UP Mountaineers Executive Board, Physical Fitness Officer	2020 — 2021
Shopee Code League 2021, Participant	2021