

CHESTER KYLES CUYOS COLITA

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WORK EXPERIENCE

DECEMBER 2020 - ONGOING

SOFTWARE ENGINEER, NABEPERO PHILIPPINES, INC.

- > Develop and/or manage website using the Laravel framework (PHP language)
 - Develop management system for major cram school and provide learning management application
- > Obtain new learnings together with the entire team as part of being an offshore business
- > Provide mentorship to new employees

MAY 2020 – ONGOING (FREELANCE)

MATH CONTENT CREATOR, PHOTOMATH, INC.

- > Create solving steps with explanations in English for each problem from different math textbooks
- > Review solutions contributed by other math experts and provide feedback if necessary

JUNE 2019 – JULY 2019 (INTERNSHIP)

DIGITAL DESIGN ENGINEERING INTERN, WAVE COMPUTING, INC.

- > Design and debug functional blocks and interconnections of various IPs in the process of designing an integrated circuit intended mainly for deep learning and artificial intelligence
- > Work as an intern:
 - Trained by the verification team: design I2C bus
 - Create software toolchain for automatic register verification (ARV)

JUNE 2016 – JULY 2017

SOFTWARE ENGINEER, KYOCERA DOCUMENT SOLUTIONS DEVELOPMENT PHILIPPINES, INC.

- > Working with Firmware Division – Scanner Team:
 - Design and debug firmware/software for a multifunctional printer (MFP) particularly the scanner function and functions related to it following the software development life cycle
 - Fix bugs reported by QA and document the fix for future reference
 - Test implementations and report bugs if there are bugs found during testing
- > Using bug management tools when managing functional errors found or sent by QA for debugging

NOVEMBER 2015 – MARCH 2017 (BOTH FULL TIME AND PART TIME)

ENGINEERING COLLEGE INSTRUCTOR, UNIVERSITY OF CEBU - BANILAD

- > Teach various engineering subjects such as engineering mathematics, digital communications, embedded software programming, circuits and electronics, etc.

EDUCATION

INTENDED GRADUATION: 2021

MASTER OF SCIENCE IN ELECTRONICS ENGINEERING, UNIVERSITY OF SAN CARLOS – TALAMBAN, TALAMBAN, CEBU CITY

Scholarship: ERDT Scholarship Recipient

Thesis: System-on-Chip FPGA Implementation of a CNN-based Face Detection System for Bulletin Board Viewer Counting

- Already defended – Ongoing revision for hardbound

JUNE 2010 – MARCH 2015

BACHELOR OF SCIENCE IN ELECTRONICS ENGINEERING, UNIVERSITY OF CEBU – BANILAD, GOV. M. CUENCO AVE., BANILAD, CEBU CITY

Scholarship: Academic Scholarship, Dean's Lister's Discount

Remarks: Cum Laude

Thesis: Adaptive Traffic Light System based on the Density of the Vehicles

CONFERENCES, WOKSHOPS, AND SEMINARS

- **Nuclear Energy Forum: Considerations and Essential Information**, Novotel Hotel, Araneta Center, Cubao, Quezon City, Philippines (August 22, 2017)
- **14th DOST-Engineering Research for Development of Technology Conference, Association for Engineering Education in Southeast and East Asia and the Pacific Workshop 2017, International Conference on Sustainable Energy Ecosystem**, Waterfront Cebu City Hotel and Casino, Cebu City, Philippines (October 18-20, 2017)
- **International Engineering Research Conference 2017**, University of San Carlos – Talamban Campus, Cebu City, Philippines (July 19-21, 2017)
- **Taiwan Integrated Circuit Design**, National Engineering Center, UP Diliman, Quezon City, Philippines (December 4-8, 2017)
- **7th Engineering Research and Development for Technology (ERDT) Congress**, Philippine International Convention Center, Pasay City, Philippines (July 13, 2018)

AWARDS AND CERTIFICATES

- **5th Placer**, Electronics Engineer Licensure Examination, October 2015
- **Resource Speaker: Introduction to VLSI**, University of Cebu – Banilad, September 21, 2018
- **Resource Speaker: Introduction to FPGA and Verilog**, University of Cebu – Banilad, August 16, 2019
- **Tech Vision Award 2020, Program the Future 2020**, Accenture, August 2020