

Adrian Vincent T. Tayag

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Education

University of the Philippines Los Baños August 2014 - December 2019
BS Electrical Engineering, Major in Electronics
Best Thesis – College of Engineering and Agro-Industrial Technology
Thesis Title: Development of IOTA-Tangle Type Based Microgrid Communications System
Keywords: Distributed Ledgers, Electrical Grids, Raspberry Pi, Python, Node.js

Professional Experience

Integrated Micro-Electronics Inc. June 2020 – October 2020
Test and Systems Development Engineer
Integrated Micro-Electronics, Inc. (IMI), the manufacturing portfolio of AC Industrials Inc., is a global manufacturing solutions expert providing EMS and power semiconductor assembly and SATS since 1980

Pre-Professional Experience

Sirkito LB March 2019 – Present
Co-Owner
Sirkito LB is a local electronics retailer that caters to the project and hobby needs of Electrical Engineering students in UPLB

- Designed and manufactured in-house modules such as 555 timer IC-based switch debouncing modules to cater the needs of fellow electrical engineering students

VR Philippines August 2015 – Present
Core Team Member
VR Philippines is a tech community composed of VR enthusiasts and developers that aims to expose and advocate Virtual Reality technology in the Philippines

- Facilitated coding workshops for VR game development in events organized by Google, PHINMA University of Pangasinan and others

Training and Certifications

National Instruments May 2020
LabVIEW Core Series

- Topics Covered: LabVIEW Environment, Development and Debugging, Structures, and Standard Practices
- Course Duration: 4 Weeks

National Instruments August 2020
Object Oriented Design and Programming in LabVIEW

- Topics Covered: Basic Concepts and Application of OOP in LabVIEW programming
- Course Duration: 2 Weeks

Harvard University May 2020
CS50x – Introduction to Computer Science

- Topics Covered: C, Python, SQL, HTML, CSS, Flask
- Course Duration: 8 Weeks
- Certificate ID: 1051c4a2-d4f6-4324-9a53-6a10ce2c20fd

Skills

Software: NI LabVIEW, Autodesk - AutoCad, Eagle, Fusion 360, Visual Basic, MATLAB, STM32Cube
Programming: LabVIEW, Python, C, C#, C++, Node.js, SQL, VHDL, Web development
Microcontrollers: Arduino, Raspberry Pi, STM32, ATtiny
Additional Interests: Urban Agriculture, Hydroponics, Microgreens, Virtual Reality