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github: *available on request*

CHRISTIAN MANUEL L. CRUZ | ECE, ECT

WORK EXPERIENCE

INDEPENDENT CONTRACTOR – APPEN BUTLER HILL (MARCH 2019 – NOVEMBER 2020)

- **Consultant – Machine Learning / Content Evaluator**
  - ➢ Provided training data and ensured optimal integration of machine learning algorithms in various projects
  - ➢ Reviewed and evaluated data and online content according to detailed criteria based on grading matrices provided by client
  - ➢ Escalate anomalies to project manager

ON THE JOB TRAINEE (250 HOURS) – PLDT INC., MALOLOS (JUNE – AUGUST 2018)

- **Intern - Corenet, NL-FxATOp Division**
  - ➢ Monitored equipment status and ensured conditions are up to spec
  - ➢ Remotely checked node condition using network management software
  - ➢ Assisted in repair and installation of fiber distribution equipment

FREELANCER – ODESK CORPORATION, FORMERLY ELANCE (2012 – 2013)

- **Part-time Proofreader / Copy Editor**
  - ➢ Edited and proofread books and other literature to improve readability, eliminate errors and adhere to client's guidelines

TECHNICAL SKILLS

- **Full-Stack web development – MERN Stack**
  - ➢ Front end development with React and JavaScript/TypeScript, styling with Sass and styled-components library
  - ➢ Nodejs and express as backend, with experience in Redux architecture
  - ➢ Database: MongoDB Atlas, REST api querying and GraphQL
  - ➢ Use of automated test frameworks tools such as Cypress for e2e integration testing
- **Object Oriented Programming with Java**
- **Other Technologies:**
  Version Control (Git), Node packages (npm), Heroku, SSH, Command Line, HTML, CSS, Office suite (Word, Excel, Powerpoint etc.)
- **Core AWS services and Cloud Concepts**
  IAM roles, EC2 virtual machines, S3, IaaS/PaaS/SaaS concepts
- **CompTIA A+ Computer Fundamentals (220-1001,1002)**
  Setup, troubleshooting and configuration of desktop computers, network, peripherals and software (Windows and Linux systems)

PERSONAL SKILLS

- Avid learner – enjoys learning new technologies, willing to undergo training
- Tech savvy – Proficient in using internet technologies, and computers in general
- Able to switch and adapt between subjective and literal tasks
- Strong Organizational and Time management skills
- Committed to assisting colleagues

EDUCATION	**TERTIARY - BS IN ELECTRONICS ENGINEERING (BS ECE)**
	• Bulacan State University | MacArthur Highway, City of Malolos, Bulacan | 2014-2019

CERTIFICATIONS & LICENSURE

- *Cum Laude* – Bachelor of Science in Electronics Engineering \| June 11, 2019
- ABIDE Certified Copper Technician (ACCT) \| June 13, 2019 – June 13, 2022
- Licensed Electronics Engineer (ECE) \| November 2019 to present
- Licensed Electronics Technician (ECT) \| November 2019 to present

SEMINARS & TRAININGS ATTENDED

- Advanced CSS and Sass \|**28hrs**\| *Udemy* \| Feb 2021
- Deep Dive Into Modern Web Development – FullStack JavaScript \| ***University of Helsinki MOOC*** \| June 2020 – December 2020
- Java Programming I \| ***University of Helsinki MOOC*** \|Mar 2020 - April 2020
- CompTIA A+ 220-1001 and 220-1002 Learning Path \|**20hrs**\| *Pluralsight* \| Feb 2020
- Automate the Boring Stuff with Python \|**9.5hrs**\| *Udemy* \| Feb 2020
- Ultimate AWS Certified Developer Associate 2019 \|**18hrs**\| *Udemy* \| Dec 2019
- Association of Building Industry and Data Center Expert (ABIDE) Inc. Technical Training Program \| Jun 13, 2019
- Training and Workshop on Arduino \| *Sparkfruit Electronics* \| Sep 28, 2017
- Microsoft Excel 2010 \| *Alison* \| Sep 17, 2017
- Online Marketing Fundamentals \| *Google Digital Garage* \| Sep 15, 2017

PROJECTS & PORTFOLIO

ONLINE MEDICAL STOCK MOBILIZATION AND MONITORING SYSTEM

- Setup a local test environment using WampServer
- Availed a web-hosting package to provision a live website
- Deployed and administrated an HTML webpage and SQL tables using phpMyAdmin, cPanel and FTP

ARDUINO-BASED ANDROID CONTROLLED QUADCOPTER DRONE

- Led a team in the design of an Arduino Nano based quadcopter drone which responds to user input and sensor data through a Bluetooth connected Android mobile device

MICROCHIP PIC MICROCONTROLLER TEST MODULE

- Designed and fabricated a PCB for a PIC microcontroller USB-programmable test module using KiCAD

PERSONAL BACKGROUND

AGE: 23
CITIZENSHIP: Filipino
RELIGION: Roman Catholic
CIVIL STATUS: Single
LANGUAGES: English, Filipino
HEIGHT: 170cm
RESIDENCE: Malolos, Bulacan

REFERENCES

ENGR. DONALD LAPIGUERA

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