John Ivan V. Veluz

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EDUCATION

Polytechnic University of the Philippines, Sta. Mesa, Manila

Bachelor of Science in Computer Science, 2019 – 2023

- Thesis: "YOLOv5-GKD: Real-Time Weapon Detection for Surveillance using Enhanced YOLOv5"
- Thesis Leader and Head Programmer

Novaliches High School

Junior and Senior High School, 2013 – 2019

WORK EXPERIENCE

Polytechnic University of the Philippines – College of Computer and Information Sciences, Manila

Web Developer Intern, September 2022

- Created and launched a website for the accreditation of the College of Computer and Information Sciences.
- Facilitated several Webinars for Department Deans and Professors.
- Created professional PowerPoint presentations, certificates, and programs for accreditation events.

Jecams Incorporated, Quezon City

Frontend Web Developer Intern, October 2018

- Designed and developed pages for the company's main website that is still in production until now.
- Made a layout and designs of the company's banner per product using photoshop.

AFFILIATIONS AND MEMBERSHIPS

Google Developer Student Clubs

Data and AI Cadet, 2022 – Present

- Took part in coding challenges to improve skills, solve problems under pressure, and network with other coders and potential employers.

PUP The Programmers' Guild

Head of Programs and Activities, 2019 – 2020

- Partnered with other organizations in other Universities in conducting events like Hackathon and Summits.
- Arranged gaming events and seminar sessions for students studying computer science.

Senior High School Robotics Team

Lead Programmer, 2017 – 2019

- Provided training in programming to the other members of the club.
- Competed with other schools and divisions around Quezon City.

SKILLS

Programming Languages: C • Java • C# • Python • CSS • JavaScript • SQL
Technologies: TensorFlow • PyTorch • React.js • Bootstrap • MySQL • MS SQL • Google Sites
Others: MS PowerPoint, Word, Excel • Canva • Photoshop • Filmora

AWARDS AND HONORS

Polytechnic University of the Philippines
- **President's Lister,** 2020, 2021, 2023
- **Dean's Lister,** 2022
- **Scholarship & Youth Development Program** (SYDP) Scholar, 2019 - Present

Novaliches High School – Senior High School
- **With Honors** (2015 – 2019)
- **Outstanding Performance in Research and Work Immersion**(2019)
- **ICT Quiz Bee 1ˢᵗ Place** (2018)

CERTIFICATIONS

- **Network Security Expert (NSE) Levels 1, 2, and 3**
- **The Open University – Introduction to Cybersecurity**
- **Cisco – Cybersecurity Analyst**
    - **Intro to Cybersecurity**
    - **Networking Basics**
    - **Networking Devices and Initial Configurations**
    - **Endpoint Security**
    - **Network Defense (NetDef)**
    - **Cyber Threat Management**

PROJECTS

YOLO 5V - GKD | Deep Learning – Computer Vision – Thesis Software | Python Application, 2022 - 2023
- Developed the entire software, lead the team in creation, enhancement, and training of the dataset.

FashionBug | Inventory Management System | .net Application, 2022
- Developed and designed the entire system, created the database.

GradMatic | Automated Grade Computer for Schools | Java Application, 2021
- Designed and developed the User Interface of the system, contributed to the selection and application of algorithms used.