John Ivan V. Veluz

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EDUCATION

Polytechnic University of the Philippines, Sta. Mesa, Manila

Bachelor of Science in Computer Science, June 2019 – September 2023

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

Novaliches High School

Science, Technology, Engineering, and Mathematics Strand, Junior and Senior High School, 2013 – 2019

WORK EXPERIENCE

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

Web Developer Intern, October 2022

- Created and launched a website for the accreditation of the College of Computer and Information Sciences.
- 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 – September 2023

- Took part in coding challenges to improve skills, solve problems under pressure, and expand 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 such as 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 • Typescript • Tailwind • MySQL • MS SQL • Google Sites
Others: MS PowerPoint, Word, Excel • Canva • Photoshop • Filmora

AWARDS AND HONORS

Polytechnic University of the Philippines
- **Cum Laude,** GWA: 1.5192
- **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

Personal Portfolio | Front End Development | React and Typescript Web Application, 2023
- Designed and deployed the entire project.

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.

PUP – AACCUP | Google Sites, 2022
- Participated in the development and deployment of the entire website.

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.