



VINCENT MAO C. TALDE

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OBJECTIVE

A Certified Computer Engineer who is looking for a job opportunity to gain experience as well as to utilize and improve his own skills and crafts.



JOB EXPERIENCE

***Project Technical Specialist 1 | AI/ML and BCI Engineer | De La Salle University – Institute of Biomedical Engineering and Health Technologies (DOST-PCHRD) (Neuro-Robotics Technology Project) (September 2023 - May 2025)**

***Science Research Specialist 1 | VR and Robotics Engineer | De La Salle University – Institute of Biomedical Engineering and Health Technologies and De La Salle Medical and Health Science Institute (DOST-PCHRD) (Neuro-Robotics Technology Project) (September 2022 - August 2023)**



EDUCATION

BS Computer Engineering | De La Salle University - Dasmariñas (2018-2022)

*Dean's lister Second Honors 3.46 GPA

*Intramurals Gold, Silver, and Bronze Medalist (Track & Field) (2018-2020)

Senior Highschool (STEM Strand) | De La Salle University - Dasmariñas (2016-2018)

*With Honors (2016-2018)

*Intramurals Gold, Silver, and Bronze Medalist (Track & Field) (2016-2018)

Junior Highschool | Claremont School of General Trias (2012-2016)

*Top 1 / Valedictorian (Grade 9)

*Top 2 / Salutatorian (Grade 7, 8, 10)

*Leadership Awardee (2016)



SKILLS

SOFT SKILLS:

Passion-driven, ability to work with groups or individuals, competitive, disciplined, willing to learn, effective verbal and written communication, decision making, problem solving, leadership, adaptability, persistent, open-minded, goal setting, conceptual skills.

TECHNICAL SKILLS:

Python, JavaScript, HTML/CSS, C++, Visual Basic, Dart, SQL, PHP, AI/Machine Learning and Computer Vision, Operating System (Ubuntu, Linux..), Debugging, Digital Signal Processing, Microsoft Office (Word, Excel, PPT..), Software Installation, Microcontroller (Arduino, Wemos..), Microprocessor (Raspberry Pi), Electronics, Photoshop, SolidWorks, AutoCAD, EagleCAD (Schematic and PCB design), Google Drive, Social Media (Facebook, Instagram, Zoom..), Prototyping (analysis and testing), IoT, 3D printing, Simulation (using Proteus or Tinkercad), Unity, Blender (beginner), Prompt Engineering, Email.



ACTIVITIES / EXPERIENCE

Leadership / Organization:

- *Elected as the President of Student Supreme Government (2015-2016)
- *Appointed as Deputy Corps Commander (2nd Highest Position of C.A.T. Cadet Officer) (2016)
- *Athlete, Team Captain, and Coach of Track & Field (2012-2019)
- *Led a team of 4 people for a gamified stroke rehabilitation system using Virtual Reality and published a paper in IJTECH
- *Institute of Computer Engineers of the Philippines Students Edition (ICpEP.SE) member (2018)
- *Institute of Computer Engineers of the Philippines (Professional) (ICpEP) member (2023-Present)

Training / Seminar / Volunteer:

- *Guest Speaker: Introduction to Robotics Seminar (De La Salle University – Dasmariñas) (2023)
- *Immersion at Creotec Philippines Inc. (Senior Highschool) (2018)
- *Printed Circuit Board Seminar (2018)
- *BCI and Neurotech Masterclass Malaysia (2023)
- *The Institute of Computer Engineers of the Philippines National and International Convention (2024)
- *Facilitator/Instructor: Introduction to Python (2024)
- *Stanford University's Professor Widom Odyssey (Data Science Workshop) (2024)

Personal and Academic Projects / Inventions (Hardware and Software):

- *THESIS: Augmented Reality based Book Finder Kiosk for Library (2024)
- *THESIS: AyudaSys (Kiosk-based Digitalized Ayuda Management System with QR code feature) (2022)
- *THESIS: AI-based Vehicle Count detection for Automated Traffic Monitoring System (2023)
- *OJT: IoT-Based Fire Alarm System with SMS notification and Monitoring Mobile Application (2022)
- *Personal Portfolio Website (2021) and Personal Virtual Reality Game (2023)
- *Project RedMoon (Business Website) (2022)
- *HealthCheck (IoT-based Heartrate & Temp monitoring app using ThingSpeak with SMS feature) (2020)
- *Vincent 2.0 (Voice Assistant) (2021)
- *Facemask Detection (2020)
- *Real-time Geographical Weather App (2019)
- *Currency Exchange App (2019)
- *Retreeve (Twitter web scraping project using Selenium) (2020)
- *Facial Recognition (Simple) and Object Detection (Simple) (2018)
- *Hand Gesture Mouse Control (2021)
- *App Controlled Robotic Car / MoBot (Mobile Robot) (2019) and Obstacle Avoiding Robotic Car (2023)
- *Simulated Power Outage Alarm System using LDR and piezo buzzer (2018)
- *4-DOF Robotic Arm (2019)
- *Automatic Hand Sanitizer Dispenser (2020)
- *3D printed Temperature Gun (2020)
- *3D printed motorized Iron Man helmet (2021)
- *Burglar Alarm System & Simulated Automatic House Lighting System using PIR (2021)
- *RFID door lock system and Object Distance Measurement (2018)
- *Simulated Dam Water Level Warning System (2019)
- *Hand gesture-controlled 3D printed Bionic Arm (Computer Vision) and Virtual Reality game using Unity (2022)

Others:

- *TOEIC Certification "International Professional Proficiency on English": Working Proficiency (2021)
- *Certified Computer Engineer (CCpE) Certification (2024)
- *Published a Scopus paper entitled "Gamified Shoulder Rehabilitation for Mild Stroke Patients Using Virtual Reality"