

COMPUTER PROGRAMMING POWER BI | DATA ANALYSIS | COLLABORATION

SUMMARY OF QUALIFICATIONS

- An analytical student of Software Engineering Technology, specializing in Artificial Intelligence; Holds a Bachelor of Science - Electrical Engineering degree
- Knowledgeable of Python, C#, HTML, CSS, SQL, JavaScript, Java
- Familiar with web development frameworks such Node.js, Express.js, Mongo DB, and React.
- Solid understanding of SDLC, agile practices for development and interface design
- Foundational knowledge in statistical methods, Machine Learning algorithms, and AI ethics
- Exhibits strong analytical skills and have demonstrated proficiency in Microsoft Excel, as well as a familiarity with Power BI
- Possesses a problem-solving mindset and technical acumen, honed through 5+ years in engineering field

EDUCATION

Software Engineering Technology - Artificial Intelligence (Co-op) Advanced Diploma Jan 2023 - Present
Centennial College, Toronto, ON

- Currently maintaining a GPA of 4.3/4.5 (A)

Courses: Introduction to AI, Java Programming, Software System Design, Web Interface Design, Web Application Development, Database Concepts, Programming 2 (C#), Unix/Linux Operating System

Bachelor of Science - Electrical Engineering Graduated 2013
Polytechnic University of the Philippines, Philippines

SELECT ACADEMIC PROJECTS

- Designed and implemented a software application that enables users to create and display pertinent profile information; Developed application using C# programming language
- Created and developed a Real Estate agent's marketing website using HTML and CSS
- Developed a web-based game application using JavaScript, HTML, and CSS
- Designed and created a database for a car rental service using SQL

WORK EXPERIENCE

Principal Engineer - Research and Standards Development Nov 2018 - Dec 2022
National Grid Corporation of the Philippines (NGCP), Philippines

- Formulated policies and established technical standards for the strategic planning and efficient operation of the Philippine Electrical Grid in consultation with diverse stakeholders
- Reviewed and enhanced existing NGCP technical standards and in collaboration with other technical personnel.

Grid Planning Engineer July 2016 - Oct 2018
Grid Management Committee Inc., Philippines

- Conducted in-depth data collection, comprehensive studies, simulations and literature research to support electrical grid planning initiatives in the Philippines
- Orchestrated and led collaborative meetings with various government agencies to ensure adherence to regulatory requirements and compliance standards