VAN XAVIER MICKLAY

COMPUTER ENGINEER

PROFESSIONAL SUMMARY

Newly skilled Computer Engineer, seeking to secure a challenging position, aims to embark on a career journey characterized by the enhancement of learnings, knowledge, and skills. With a commitment to making a significant contribution, prepared to excel in all facets of the role, harnessing the power of various programming languages and comprehensive technical proficiencies.

CONTACT INFO

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TERTIARY EDUCATION

UNIVERSITY OF THE CORDILLERAS

Baguio City, Benguet, Philippines

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

August 2018- August 2023

SECONDARY EDUCATION (SENIOR HIGH SCHOOL)

UNIVERSITY OF THE CORDILLERAS

Baguio City, Benguet, Philippines

INFORMATION AND COMMUNICATIONS TECHNOLOGY (ICT)

August 2016- August 2018

SKILLS AND ABILITIES

- Proficient in using Web Development tools such as HTML, CSS, and JavaScript.
- Strong foundation in programming languages such as Java, C++, Python, C#, and others.
- Proficiency in using version control systems like Git, including branching, merging, and managing repositories, to ensure efficient collaboration and code management.
- Basic computer software troubleshooting skills.
- Excellent verbal and written communication skills.
- Strong problem-solving abilities.
- Collaborative team player.
- High level of computer proficiency.

SEMINARS & COURSES COMPLETED

- Certification: **Introduction to Web Development**
  Date Completed: August 24, 2021
- Certification: **Artificial intelligence (Basic Session)**
  Date Participated: June 16, 2022
- Certification: **Ethics in Engineering Research**
  Date Participated: July 29, 2022
- Certification: **Digital Advertising**
  Date Participated: August 6, 2022
- Certification: **Machine Learning for Time Series Forecasting**
  Date Participated: June 29, 2021
- Certification: **Metaverse, VR and other 3D Spaces**
  Date Participated: July 25, 2022
- Certification: **UX/UI Design**
  Date Participated: July 22, 2022

PERSONAL PROJECTS

- Designed and developed a transformative payment system for efficient handling of tuition fees and diverse transactions in the education sector. Incorporated e-wallet and mobile app functionalities, enabling seamless profile management, transaction processing, and robust security features, including dynamic PIN/password settings.
- Developed responsive and reliable websites (front-end + backend) using HTML, CSS, Bootstrap, JavaScript, PHP, and MySQL. Implemented features like credential transfer between accounts and utilized MySQL for efficient database management using PhpMyAdmin as the web-based interface.

LANGUAGES AND TECHNOLOGIES

- **Java (using NetBeans)** with UI/UX Design: Proficient in Java programming, utilizing NetBeans as an integrated development environment (IDE). Skilled in creating user-friendly and visually appealing UI/UX designs for applications. Experienced in developing mobile apps that provide seamless user experiences.
- **JavaScript, HTML, CSS, Bootstrap, ReactJS:** Skilled in front-end web development with a strong command of JavaScript, HTML, and CSS. Well-versed in leveraging the Bootstrap framework to create responsive and modern website designs. Experienced in building dynamic and interactive user interfaces using ReactJS.
- **Java (using Android Studio):** Experienced in utilizing Android Studio to develop mobile applications for the Android platform. Proficient in creating user-friendly layouts, integrating functionalities, and optimizing app performance.
- **Visual Studio Code:** Adept at using Visual Studio Code as a versatile code editor for various programming tasks. Comfortable with its extensive features and plugins, enabling efficient coding and debugging.
- **Firebase:** Proficient in integrating Firebase services into applications, including real-time databases, authentication, and cloud functions. Skilled in utilizing Firebase to enhance app functionality and provide a seamless user experience.
- **MySQL, phpMyAdmin:** Experienced in database management with MySQL, capable of designing, querying, and optimizing databases for efficient data storage and retrieval. Skilled in using phpMyAdmin as a web-based interface for database administration.
- **C++ (Dev C++ IDE):** Proficient in C++ programming, utilizing the Dev C++ IDE. Skilled in writing efficient and structured code for a wide range of applications, from software development to algorithm implementation.