JOHN ZIDREX M. ANDAG

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EDUCATION

Polytechnic University of the Philippines   **2015 – 2020 (Expected)**
Bachelor of Science in Computer Engineering

- **Relevant Coursework**: Data Structures and Algorithm, Database Management, Web Development, Software Development, Software Architecture and Design
- **Organization**: member of Logistics Committee in Computer Research and Engineering Symposium

SKILLS

- **Java Programming:** (J2SE and J2EE), Spring MVC, Hibernate, Java Server Pages(JSP), LibGDX
- **Web Fundamentals**: HTML5, CSS3, Sass, Bootstrap, jQuery, AJAX
- **PHP**: Core PHP, Laravel, CodeIgniter
- **JavaScript**: React, Node.js, Express.js, ES6, TypeScript, Jest Testing Framework
- **Database**: MySQL, MongoDB, Redis
- **Technologies**: Git, Heroku, SSH, Arduino, Raspberry Pi, AutoCAD
- **Knowledgeable in**: C++, C, C#, Python
- **MS Office** (Word, Excel, Power Point)
- **Networking**: Packet Tracer, Basic cabling

EXPERIENCE

Terabyte Solutions Inc.   **April 2018 - August 2018, April 2019 - August 2019**
Intern
2203B West Tower, Philippine Stock Exchange Center, Exchange, Ortigas Center, Pasig City

- Created access rights and priveleges for the DTR system they are developing
- Assigned to clinic-based system to fix and resolve bugs reported by the QA team

MAJOR PROJECTS

Bug Monitoring System   May 2020

- Currently developing a system for enterprises or for personal projects that reports bugs from testers or from QA.
- Uses JWT library and bcryptjs for encryption, REST API using mongoose and express
- Implements the MERN stack development

Covid19 Tracker   March 2020

- Built using Laravel and Rapid API for live tracking of Coronavirus 2019 active cases and recoveries
- Implemented AJAX searching for the province and countries

Smart Electronic Variable Coffee Mixer   October 2020

- Implemented web app in Apache server using Java Server Pages and Spring framework
- Deployed in Raspberry pi, and executed hardware functions using python scripts

Seminars and Certification

Network Security	Data Privacy	Blue Hacks 2020
Data Science Congress 2020	Hacking into 4th Industrial Revolution	Robotic Process Automation
Artificial intelligence	Zero User Interface	Edge Computing
Blockchain	Technopreneurship	Salesforce
Cloud Containerization	Linux Comunity	Intelligent Cities