**HERMAN REDONA**

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**PROFILE**

Computer programming college graduate with fundamental knowledge of software design, software/web development, and testing. Competent at creating and maintaining system developments and design, assist with deployment of new systems, respond to system issues. Passionate about continuously learning, and natural affinity for computer programming. Ability to meet deadlines and deliver quality project outcomes.

**SKILLS**

**Programming |** Java (Main) • COBOL • Python • Object-Oriented Programming

**Web |** HTML • CSS • JavaScript • PHP

**Database |** SQL • MySQL • Microsoft SQL Server

**Frameworks/Others |** Hibernate • JEE • JPA • REST / RESTful API • JEE Security • MVC

**Tech |** Git • GitHub • Visual Studio • Linux • Windows • Eclipse • Android

Studio • NetBeans • Tomcat • Payara

**Languages Spoken |** English • French (Basic) • Filipino

**PROJECTS/ACCOMPLISHMENTS**

**Website Store (Full-Stack)**

**Coursework: Web Programming Project Mar. 2021**

* Utilized HTML, CSS, PHP, JavaScript to create a website store.
* Used PHP to create the database and store the data/items in the website.

**Diabetes Recorder**

**Coursework: Application Software (Java) Jul. 2021**

* Designed and created an application to record and track information personal health information including blood glucose level, food intake AND
* Used Java FX, JDBC for DB connectivity, and MySQL as Database.
* Note: This project was created from a skeleton code.

**Simple Blood Bank**

**Coursework: Web Application Project (Java) Aug. 2021**

* As part of a team, created a simple web application which allows users to create an account in the website, donate blood, etc. and store the information in the database that can be also viewed in a table format.
* Utilized HTML, CSS, Java JSP, JUnit, Tomcat as web server, Hibernate for DB manipulations, and MySQL as database.
* Note: this project was created from a skeleton code.

**Bus Route App (Android App)**

**Coursework: Android Application Project. Aug. 2021**

* Created a real time Bus Route Application using OC Transpo Web API that user can use to search for their bus number and obtain routes information from the web server (JSON/XML).
* This project was created on Android Studio using Java language.

**Data Bank-JSF-JPA Oct. 2021**

**Coursework: Web Application Project (Java)**

* This project was created in order to experience the functionality of JSF/JPA/JSP.
* The project was just a simple application that will make use of CRUD (Create, Read, Update, Delete) using JPA for Database connectivity, JSF for the web application, and also JSP for creating web pages.
* Note: This project was created from a skeleton code.

**Blood Bank**

**Coursework: Web Application Project (Java) Dec. 2021**

* This project is similar to the Simple Blood Bank above but with extra features in order to get exposed on Java EE security and Java REST/RESTful API.
* Note: This project was created from a skeleton code.

**EDUCATION**

**Computer Programming College Diploma** **Sep. 2020 – Dec 2021**

Algonquin College Ottawa – GPA 3.6

Dean’s List achievement

**Computer Science** (undergraduate, 2/4 yrs. completed) **June 2012 – Mar. 2014**

Eastern Samar State University (Philippines)

**REFERENCES AVAILABLE UPON REQUEST**