KRIZTOPER D. URMENETA

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WORK EXPERIENCE

ORANGE AND BRONZE SOFTWARE LABS, INC.   *Makati City, Metro Manila*
Associate Java Enterprise Engineer   *Feb 2020 – Present*
- Improved features with query run-time usually from ~1 min to 3-4 sec
- Motivated the initiative to strengthen server security which prevented 2 attempted exploits

PRIMARY SOFTWARE DEVELOPMENT CORP   *Cebu City, Cebu*
Research and Development Intern   *Jun 2017 – Jul 2017*
- Presented to developers a framework for rapid application development including 2 other tools
- Coordinated with new teammates to develop prototypes and 1 major application using the framework

SKILLS

Development: Java, J2EE, Oracle ADF, JSF, Spring, Spring Boot, HTML5, CSS3, Javascript, VueJS
Databases: Oracle PL/SQL, MySQL, PostgreSQL **Cloud:** AWS, Amazon EC2, Amazon S3, Amazon RDS
Persistense: EclipseLink, JPA, Hibernate **Testing:** JUnit, Cucumber, Capybara
OS: Ubuntu Linux/Unix, Windows **SDLC:** OOP, REST, JSON, Microservices, UML, Agile, Jira, Confluence
Server: Weblogic, Tomcat **DevOps:** Git, Maven, Jenkins, SonarQube, Bitbucket, Github, Gitlab

EDUCATION

UNIVERSITY OF THE PHILIPPINES VISAYAS TACLOBAN COLLEGE   *Tacloban City, Leyte*
Bachelor of Science in Computer Science   *Aug 2014 – June 2019*
Relevant Coursework: Software Engineering, Databases, Algorithms, Data Structures, Operating Systems

CERTIFICATIONS AND TRAINING

Philippine National IT Standards Level 2(Fundamental IT Engineers) Certification Exam
https://www.philnits.org/passers201510.html#Oct2017FE   *Oct 2017*
A government-certified IT fundamentals exam based on Japan's biggest IT engineers standard exam

Combined Spring and JPA/Hibernate Training
https://kriztoper.github.io/assets/img/OnB-CSJHT-certificate.png   *Dec 1-7, 2020*
Hands-on training on Spring framework including Spring Boot and data persistence frameworks

PROJECTS

Github: *github.com/kriztoper* **Gitlab:** *gitlab.com/krizzy* **Bitbucket:** *bitbucket.org/Kriztoper_Urmeneta*

ERP System for Pharmaceutical and Consumer Goods Distribution Company   *J2EE, Oracle ADF, PL/SQL*
- Mentored new developer and quality engineer with the main business flow of 6 apps
- Increased involvement of 10+ users and different user roles for each app in the system

UPVTC Sports Equipment Inventory System (UPVTC SEIS)   *Java, JDBC, MySQL*
- Spearheaded the project with a team of 1 designer and 2 developers
- Produced reporting tools for displaying reports of the program after every 1 or 2 months

Connect 4 vs AI Game   *Java*
- Originated a normal AI which can beat an average player by at least 20 over 50 games
- Decreased the number of moves evaluated by over 30% through alpha-beta pruning

CPU and Disk Scheduling Algorithm Visualization   *Java, JavaFX*
- Prevented deadlocks by ~90% in the allocation of CPU memory
- Initiated real-time visualizations with near 0 delays on all windows

Created Programming Language called EC   *Java, JUnit*
- Collaborated with teammates on the full design of the grammar rules with at least 12 language features
- Promoted the use of unit testing to team members which accelerated language validation to <1 sec

Image Compression System with Huffman Coding   *Java*
- Resolved the challenge of compressing images by ~20% by converting pixel frequency to bit strings
- Encouraged peers to use hashing techniques which reduces compression time down to <2 sec