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🎓 Education

Master of Science (Statistics)

Aug 2018 – present

University of the Philippines Diliman

- University scholar for three semesters (cumulative GPA: 1.14/1.00).
- Recipient of ASTHDP-NSC graduate scholarship of DOST-SEI.
- Nominated for membership in The Honor Society of Phi Kappa Phi and Pi Gamma Mu International Honor Society in Social Sciences.

Bachelor of Science in Computer Science

Jun 2010 – Jun 2015

University of the Philippines Diliman

- University scholar (2nd sem '13-'14) and college scholar (1st sem '13-'14).

💼 Work Experience

Procter and Gamble

IT Manager

Aug 2020 – present

Philippine Genome Center

Bioinformatics Intern

Jun 2019 – Jul 2019

- Worked on a research project that involves analysis of DNA sequence data to test for a hypothesis that gene conversion events are biased towards G and C alleles.
- We used Python, R, Bash scripts, and bioinformatics tools such as Tabix and BEDTools.

Nokia Technology Center Philippines, Inc.

Research and Development Engineer

Mar 2017 – Oct 2018

- Software Developer
 - Developed new features and provided application support for a software tool written in Java.
 - Rewrote existing codes that improved the running time of the software program by around 40%.
 - Performed unit testing and code reviews to ensure that best practices are being implemented.
 - Created product documentations such as feature specifications and user manuals.
- Scrum Master
 - Coordinated with stakeholders to understand the business needs and to identify proper solutions.
 - Facilitated the daily standup, sprint planning, sprint review, and sprint retrospective meetings.
 - Monitored and tracked the progress of tasks, updated dashboards, and prepared status reports.
 - Identified and mitigated risks and impediments to ensure the completion of project goals.
 - Implemented process improvements to improve quality of work, productivity, and team dynamics.

Infor, PSSC, Inc.

Software Engineer, Associate

May 2016 – Mar 2017

- Implemented new features and fixed bugs for the front-end of an enterprise web application.
- Developed a feature that updates the timestamps in the web application based on the time zone of the user.

Accenture

Associate Software Engineer

Aug 2015 – May 2016

- Participated in a two-month Java software development bootcamp.
- Automated some processes for a client in the healthcare industry using Fusion (RPA tool) and JavaScript.
- Volunteered as the overall sub-lead in center bench. Performed administrative tasks such as creating attendance reports, updating seats and assets inventory, revising report templates, and organizing orientations.

💻 Skills

Programming languages

Python, Java, C/C++, and SQL

Statistical analysis tools

R, SAS, and PowerBI

Software development skills

Git, Bash, unit testing, and agile software development

Statistics and mathematics

Descriptive and inferential statistics, probability theory, sampling designs, regression analysis, and multivariate analysis

Machine learning

Supervised and unsupervised machine learning models, neural networks, model building and evaluation.