Edward Nataniel C. Apostol

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🎓 Education

Master of Science (Statistics)   Aug 2018 – present
University of the Philippines Diliman
- Consistent university scholar for three semesters (GPA: 1.14/1.00).
- Recipient of ASTHDRP-NSC graduate scholarship of DOST-SEI.

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

Philippine Genome Center
Bioinformatics Intern   *Jun 2019 – Jul 2019*
- Received a training on the basics of molecular biology, bioinformatics, and statistical data analysis.
- Worked on a research project where we analyzed the latest sequence data from the 1000 Genomes Project repository to test for the 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 for the data analysis.

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 in Center Bench such as creating attendance reports, updating seats and assets inventory, revising report templates, and organizing orientation sessions.

💼 Skills

Programming languages	Python, Java, and C/C++
Statistical software	R and SAS
Python scientific toolkit	NumPy, Pandas, Matplotlib, and Scikit-learn
Web development tools	HTML, CSS, and JavaScript
Database	SQL
Version control systems	Git and SVM
Other software-related skills	LaTeX, Bash, unit testing, and agile software development
Statistical and mathematics	Descriptive and inferential statistics, probability theory, sampling designs, regression analysis, and multivariate analysis
Machine learning	Supervised and unsupervised machine learning methods, neural networks, model building and evaluation.