Edward Nataniel C. Apostol

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Education

MS Statistics, University of the Philippines Diliman   **08/2018 – 06/2020**
- Consistent university scholar for three semesters (current GWA: 1.14/1.00).
- Nominated for membership in *Phi Kappa Phi International Honor Society* and *Pi Gamma Mu International Honor Society in Social Sciences* for being in the top 10% of the graduating class.
- Recipient of ASTHDRP-NSC graduate scholarship of DOST-SEI.
- Relevant courses: Statistical Software, Probability Theory, Parametric Inference, Business Analytics, Applied Regression Analysis, Applied Multivariate Analysis.

BS Computer Science, University of the Philippines Diliman   **06/2010 – 06/2015**
- University Scholar (2nd sem, A.Y. 2013-2014) and College Scholar (1st sem, A.Y. 2013-2014).
- Undergraduate member of Scientific Computing Laboratory in UP Department of Computer Science
- Relevant courses: Computer Programming, Data Structures, Algorithm Design and Analysis, Database Systems, Software Engineering, Artificial Intelligence, Data Mining.

Work Experience

Bioinformatics Intern, Philippine Genome Center   **06/2019 – 07/2019**
- Trained on the basics of biology, genomics, and bioinformatics. Special training topics include Git, Pandas (Python Library), Jupyter Notebook, Docker, and Cloud Computing.
- Bioinformatics research project: Tested the hypothesis that the Gene Conversion events during DNA recombination are biased towards G and C alleles using the sequence data from the 1000 Genome Project. Tools and methods used include Python, R, Bash Scripts, Git, Bioinformatics tools (BEDtools, Tabix), and Statistical hypothesis testing.

Research & Development Engineer, Nokia Technology Center Philippines, Inc.   **03/2017 – 10/2018**
- Participated in a 1-month C and C++ programming bootcamp.
- Developed new features and maintained a Java desktop application.
- Created product documentations and feature specifications.
- Conducted product-related trainings.
- Served as Scrum Master for 6 months. Ensured that the team followed agile principles and practices, spearheaded process improvements, facilitated planning and scheduling of tasks, and resolves the impediments encountered by the team.

Software Engineer, Associate, Infor PSSC, Inc.   **05/2016 – 03/2017**
- Developed new features and maintained the front-end of a web application using Javascript.

Associate Software Engineer, Accenture, Inc.   **08/2015 – 05/2016**
- Participated in a 2-month Java programming bootcamp.
- Automated some processes for a client in the healthcare industry.
- Performed administrative tasks such as creating attendance reports, updating seats and assets inventory, and organizing orientations and town halls.

Skills and Interests

- **Skills**

Programming Languages:	Java, C/C++, Python
Statistical Software:	R, SAS
Web Development Tools:	HTML, JavaScript, SQL
Other Tools:	Bash scripting, LaTeX, Git
Statistical Analysis:	Descriptive and Inferential Statistics, Regression Analysis, Multivariate Analysis, Sampling Techniques, Machine Learning,
Other:	Agile Software Development, Digital Photography, and Photo Editing

- Interests   Data Mining and Analytics, Machine Learning, Multivariate Analysis, Categorical Data Analysis, and Computational Statistics

Publications

- *V.P. Bongolan, O. Terranova, E.N. Apostol, J.K. Cruz.* **Scenario and Sensitivity Analysis for Flooding Vulnerability using Genetic Algorithms. 2015.** Proceedings of the Asia Oceania Geosciences Society 12th Annual Meeting, 2-7 August 2015, Singapore.

Other Information

- Member of UP Association for Computing Machinery and UP Photography Society. Vice president for membership and recruitment at UP Circle of Engineering Students (2014 – 2015).
- Have taken 12 units of Technology Management courses at the UP Technology Management Center.