Phillmont Muktar
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Education

National University of Singapore   Singapore
B.Sc. Food Science and Technology, Minor in Computer Science   Aug 2018 – Present
- Cumulative Average Point (CAP): 4.5/5.0
- Expected time of graduation: May 2022
- Awarded the Shirdi Sai Worship Centre Scholarship for Academic Years 2018/2019 and 2019/2020
- Relevant coursework: Computer Networks, Programming Methodology, Discrete Mathematics, Calculus, Statistics for Life Sciences, Workplace Readiness, Professional and Academic Communication

Technical Skills

- **Computer Languages**: Python, Java, JavaScript, C++, SQL, Visual Basic, LaTeX, Markdown, HTML5, CSS.
- **Software**: Android Studio, IntelliJ IDEA, Visual Studio, XAMPP, Node.js, Postman, Microsoft Office suite, Adobe Photoshop, Illustrator, Premiere Pro, Audition, Lightroom, and After Effects, Image-Line FL Studio.

Work Experience

Smart Nation and Digital Government Office (SNDGO)   Singapore
Instructor — Python Programming for the Public Service   Dec 2019 – Present
- Conduct training on Python programming and data analysis to officers from SNDGO and Ministry of Finance.
- Organise teaching materials with emphasis on data processing, analysis, and object-oriented programming.

School of Computing, National University of Singapore   Singapore
Teaching Assistant — Programming Methodology   Aug 2019 – Present
- **Mercapto**: Developed a system and interlinked scripts to automate the detection, submission, and report-generation of submissions plagiarism-checking with MOSS, Python, Selenium, ChromeDriver, and Unix Shell scripts, thereby improving the total processing time from 1 day to 1 hour (2,300% faster).
- Currently appointed **Head Teaching Assistant** from Dec 2019 to delegate and coordinate the administrations of teaching assistants and students in the module.
- Conduct tutorial classes to undergraduates and plan teaching materials which align with learning objectives while incorporating solutions of various methodologies, achieving average teaching effectiveness of 4.1/5.0.
- Grade continuous assignments and provide constructive feedback for students' self-improvement, achieving the fastest average grading time of 1 hour and 16 minutes.
- Arrange, invigilate, and grade assessments and examinations.

SENSI Indonesia   Jakarta, Indonesia
Freelance — github.com/purfectliterature/GenericAntimony   May 2019 – Jul 2019
- Developed a frontend Customer Records Management app for Android, and the backend RESTful API with Node.js in JavaScript and database management with MySQL.
- Developed a user interface for Windows to allow database create, read, update, and delete (CRUD) management with Visual Basic .NET and MySQL.

Co-curricular Activities

Ridge View Residential College Multimedia Team   Singapore
Official Photographer   Sep 2018 – Present
- Assists documentation of college events for college's social media outreach and publications.
- Covered college events, such as Walk for Rice (with NTUC FairPrice) and NUS Open Day 2019.

Jukebox, Music Interest Group of Ridge View Residential College   Singapore
Percussionist   Sep 2018 – Present
- Proactively performs with cajon, drums, or guitar in a band of five members.
- Performed in the annual concert "Concert by the Ridge" on Apr 7, 2019 at the University Cultural Centre before over 300 people, including the College's Master and Faculty Officers.

Additional Information

- **Languages**: Fluent in Academic English, Fluent in Academic Bahasa Indonesia, and Hokkien.
- Enjoys music production, established a Spotify for Artists account, and has published two tracks on iTunes.