Alexis Jaydee Migyel D. Salazar

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EDUCATION

UNIVERSITY OF THE PHILIPPINES (UP), MANILA

B.S. in Computer Science, Specialization in Statistical Computing   August 2021 – Present

- Achieved a consistent University Scholar status
- Nominated for membership in The International Honor Society of Phi Kappa Phi
- Awarded the DOST-SEI 2021 Undergraduate Scholarship under R.A. 7687

MANILA SCIENCE HIGH SCHOOL

Junior High School - Senior High School (STEM Strand)   June 2015 – July 2021

- Ranked consistently in the top 5% of the batch
- Academic Excellence with High Honors (2017 to 2021)

PROJECTS

Machine Learning Model: Deposit Subscription Predictor | Python, Google Colab

- Developed a model in Python to target bank clients likely to open term deposits, utilizing pandas, scikit-learn, and numpy for data manipulation, modeling, and visualization.
- Analyzed and processed data from over 9000 clients for model training, resulting in a 10% improvement in overall accuracy.
- Deployed a Logistic Regression algorithm for the prediction model, boosting performance by up to 15% versus other algorithms based on F1 score analysis.

Japanese Restaurant Inventory System | Java, CSS, JavaFX Scene Builder, GitHub

- Led the design and development of an inventory system made using Java for a Japanese restaurant, collaborating through GitHub as a full-stack developer; applied object-oriented programming.
- Headed front-end development, creating over 18 responsive UI elements using CSS which boosted user interaction.
- Enhanced backend efficiency and user experience by implementing a search bar, optimizing CRUD operations by 50%.
- Managed end-to-end testing and patching, successfully resolving over 13 bugs from both the back-end and front-end.

LEADERSHIP EXPERIENCE

UP SOCIETY OF COMPUTER SCIENTISTS

Core Member, Projects Committee   2022 – Present

- Facilitates the logistics, provides key project deliverables, and administers on-site assistance to several events which include workshops, university competitions, and seminars.

MATAAS NA KAPULUNGAN NG MGA MASCIANS SA AGHAM

President   2020 – 2021

- Spearheaded science and technology workshops/webinars, live streamed via the organization's official Facebook page, as the head of the marketing and projects department during the COVID-19 lockdown.

MANILA SCIENCE HIGH SCHOOL ROBOTICS CLUB

President   2018 – 2019

- Organized a basic electronics and circuit-making workshop, with speakers from the University of the Philippines, Diliman, for junior high school students.

SKILLS

LANGUAGES	Java, Python, SQL, HTML, CSS, JavaScript, R, C, C++
TOOLS	Git, GitHub, Jupyter Notebook, Google Colab, JavaFX Scene Builder, Figma
SOFT SKILLS	Project Management, Self-motivated, Problem-solving, Communication, Teamwork