Paul Angelo O. Macaraeg

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CAREER OBJECTIVE

A computer science undergraduate with a data-driven mindset and robust analytical skills. Currently, I am actively seeking an internship opportunity in either data analytics, data science, or software engineering. My dedication to programming, problem-solving, and data analysis drives me to explore my full potential while working efficiently.

EDUCATION

Polytechnic University of the Philippines, College of Computer and Information Sciences   **Sta. Mesa, Manila**
Bachelor of Science in Computer Science (BSCS)   **Oct 2022 - Present**
- A.Y. 2022-2023, A.Y. 2023-2024 (First Semester): President's Lister
- University Scholar
- Relevant Coursework: Computer Programming 1 & 2 (C Programming), Differential Calculus, Linear Algebra, Object Oriented Programming (JAVA)

Mangaldan National High School, Junior & Senior High School   **Mangaldan, Pangasinan**
Senior High School (Science, Technology, Engineering, and Mathematics Strand)   **June 2016 – July 2022**
- Municipal Scholar
- Graduated with High Honors

Junior High School (Special Science Class)
- Municipal Scholar
- Consistent Honor Student

EXPERIENCE

Data Analyst Intern   **Aug 22, 2023 – Jan 3, 2024**
Payreto Services Inc.
- Produced reports, provided support, and carried out additional tasks as directed by the immediate supervisor.
- Generated, analyzed, and created dashboards from various sources, providing clear and concise information to the Interim Technology Team Lead.
- Contributed to the research and development of a comprehensive comparative analysis of devices, supporting the proposal for the company's transition from Lenovo laptops to Apple Macbooks.
- Learned various data technology stacks from the immediate supervisor, including Google Data Studio, fetching data through APIs, and visualizing Big O notation using Python.

Co-Lead ML Engineer | News Validator Team (Project-based)   **March 2023 – May 2023**
Google Developer Student Clubs – PUP Main
- Co-led a team of 7 individuals responsible for ensuring data quality in a tech start-up project, "Detecting Facts on the Ground using Machine Learning".
- Utilized the Pandas library to implement data validation techniques, identifying and eliminating non-news data and garbage data.
- Maintained a repository on GitHub to store computational documents used for data validation, ensuring easy access and documentation for future reference.
- Conducted extensive research on tools and methods for data validation, including data validation in Excel and Python libraries.

Junior ML Engineer | Summarizer Model Team (Project-based)   **March 2023 – May 2023**
Google Developer Student Clubs – PUP Main
- Collaborated with a team of 10 individuals in a tech start-up project, "Detecting Facts on the Ground using Machine Learning, " which built and fine-tuned a summarizer model that learns from input articles and generates short abstractive summaries.

- Explored various models for text summarization & evaluated the model performances of the different models.
- Ensured that the generated summaries maintained the coherence and essence of the original news articles.

ORGANIZATIONS

Google Developer Student Clubs - PUP Main

Data Co-Lead   **Sept 2023 – Present**
- Evaluated potential new members for admission into the Data team.
- Created a detailed Data Analyst roadmap to provide strategic direction and guidance for the organization's Data team.
- Collaborated with the Chief Technology Officer to translate technical requirements into functional models, ensuring alignment with organizational goals and technical standards.

Junior Data and AI Cadet   **Oct 2022 – Aug 2023**
- Developed data analytics skills such as data validation, data manipulation, data cleaning, and data interpretation from various trainings/webinars and workshops the organization offers.
- Improved data science and analytics skills (e.g., R Programming, data cleaning with Python, data manipulation) through a membership obtained on DataCamp exclusively offered by the organization.
- Connected and engaged with a community of aspiring individuals in data science.

PUP The Programmers' Guild   **May 2023 – Present**
Volunteer for Backend Development Team
- Collaborated with a team of 20+ passionate individuals to ensure the successful implementation of backend functionalities of the organization's website.

PUP Association of Students for Computer Intelligence Integration (PUP-ASCII)   **Oct 2022 – Present**
Research and Extensions Committee Member
- Worked with fellow Computer Science students in charge of organizing programs and activities under the College of Computer and Information Sciences and the Department of Computer Science.
- Wrote articles and captions to be posted on the organization's social media platform Facebook.

PUP Society of Pangasinan Students (PUP-SoPAS)   **Oct 2022 – Oct 2023**
Educational Research and Socio-Cultural Affairs Committee Member
- Contributed content (articles and captions) to be posted on the organization's social media platform Facebook.

SKILLS

Languages: Python, R, C, SQL, HTML, CSS, JAVA

Data Science & Analytics: Python Libraries (Matplotlib, Numpy, Pandas, Streamlit, Seaborn), Google Workspace, Spreadsheets, Jupyter Notebook, Data Cleaning, Data Validation, Data Visualization, Basic Database Management

Tools & Technologies: Git, Github, Bash, Visual Studio Code, Code::Blocks, Notion, Microsoft Office Applications (Word, Excel, and PowerPoint) (wpm: 52), Canva

Soft Skills: Problem solver, Good communicator, Analytical and Critical thinker, Working well under pressure