Natasha Prasetyo

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github.com/Caca-XP   in/natprasetyo

HIGHLIGHTS

Programming Skills:
- I enjoy coding as I find fun in problem solving and troubleshooting bugs. Successfully developed a functional photo editor using object-oriented language such as Java, image processing algorithms, and good-coding practices, developing an open-source code and documentation using Git.

Data Science Skills:
- I have passion on working with data to make data driven and insightful decisions. Utilized Python, SQL, and Power BI to find insights and visualizing for a data project for the FMA. Provided the FMA with solutions on improving data quality and cybersecurity concerns in the providers FMA regulate.

Soft Skill - Adaptive:
- As a Research and Insights Intern, I demonstrated adaptability, time management, and organizational skills while providing solutions for cybersecurity concerns in the financial sector as well as making meaningful connections. Additionally, my experience as a Computer Science Lab Demonstrator and Math Tutor along with university studies showcase adaptability and multitasking abilities.

EXPERIENCE

Research and Insights Intern
Financial Markets Authority
November 2023 – February 2024, Wellington, New Zealand
- Written a report on the use of AI in financial regulators giving FMA solutions on how to implement staged AI into their work.
- Worked on Cybersecurity concerns in the Financial Provider Population and provided FMA with solutions on how to improve cybersecurity in the providers they regulate.
- Assisted coworkers with codes using scikit-learn to advance their work.
- Provided guidance to the data Engineers on how to improve the geolocation data and therefore the data quality of FMA.

Computer Science Lab Demonstrator
University of Otago
February 2023 - Present, Dunedin, New Zealand
- Provide comprehensive assistance to students in overcoming challenges related to programming concepts.
- Observe and evaluate students' progress, ensuring individualized support and guidance.
- Foster the development of critical thinking and problem-solving skills among students.
- Offer tailored guidance to enhance students' understanding and practice of programming.
- Maintain a supportive and engaging learning environment to facilitate students' growth and success in programming.

Math Tutor
University of Otago
February 2023 - Present, Dunedin, New Zealand

- Employed innovative instructional strategies to create an interactive and stimulating learning environment.
- Adapted teaching methods to cater to diverse student needs and learning styles.
- Created a safe and supportive learning environment, fostering student engagement and collaborative study.
- Cultivated strong relationships with students, fostering a warm and secure atmosphere for effective learning.
- Guided students in developing meta cognitive skills, empowering them to take ownership of their learning process.

EDUCATION

Bachelor of Applied Science in Data Science
Minor in Computer Science • University of Otago • New Zealand • 2024

High School Graduate
Hutt Valley High School • New Zealand • 2021 • Excellence Endorsement

AWARDS

New Frontiers Entrance Scholarship
University of Otago • New Zealand • 2022

SKILLS

Technical Skills:
Java - Proficiency: High
Python - Proficiency: High
SQL - Proficiency: High
R - Proficiency: High
Presentation – Proficiency: Moderate
Data analysis – Proficiency: Moderate
Microsoft Power BI – Proficiency: High

Soft Skills:
Adaptability - Proficiency: High
Problem Solving - Proficiency: High
Critical Thinking - Proficiency: Moderate
Teamwork - Proficiency: High
Time Management - Proficiency: High
Communication – Proficiency: Moderate

Languages: Fluent English, Native Indonesian, Conversational Japanese

Field of Interest: Video Editing, Algorithm, Machine Learning, Artificial Intelligence, Fiction Novel, Gaming

Reference
References available upon request.