Matthew David M. Loquinerio, REE

Registered Electrical Engineer

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PROFESSIONAL SUMMARY

Motivated and analytical professional with experience in evaluating dashboards and developing KPI reports. Proficient in SQL, Python, Microsoft Excel, and Power BI. Additional growing fluency in artificial intelligence and product life cycle analytics. Focused collaborator dedicated to interdisciplinary communication. With projects you can explore on my GitHub Account.

AREAS OF EXPERTISE

• Python	• MS Power BI	• Problem Solving	• Data Wrangling
• MySQL	• Microsoft Excel	• Critical Thinking	• Data Visualization
• MS SSMS	• Statistics	• Attention to Detail	Time Management

PROFESSIONAL EXPERIENCE

Engineer Intern | June – August 2022
Bureau of Fire Protection, Legazpi City, Albay
- Assigned as the Data Assistant of the Bureau.
- Performed data cleaning on permits and stakeholders' files.
- Performed data transformation, using pivot tables and power query.
- Improved Bureau's productivity by 300%, given that tasks for 3 months was done in 3 days.

ACHIEVEMENTS

Best in Academic Research | 2022 – 2023 Academic Semester
Bicol University College of Engineering, Legazpi City, Albay
- Pioneer study to first introduce Computer Vision using PyCV and IoT technologies.
- Implemented both SQL and NoSQL databases using Firebase and MongoDB.
- First patented study in the University's Electrical Engineering Department.
- Employed statistical testing methods such as ANOVA and t – test.
- Achieving a 200% improvement in lahar detection.

Google Hackathon 1st Placer | 2022 – 2023 Academic Semester
Bicol University College of Engineering, Legazpi City, Albay
- Analyzed market trends and being able to propose solutions to certain problems.
- Competed against the whole university of 25 delegatory representatives.
- Yield a startup business idea that would decrease unemployment rate up to 10%.

EDUCATION

Bachelors of Science in Electrical Engineering, Bicol University College of Engineering
Learning Data Analytics: 1 Foundations, Microsoft Data Analytics Certification
Learning Data Analytics: 2 Applying Core Knowledge, Microsoft Data Analytics Certification