HUY NGUYEN

Oshawa, Ontario (willing to relocate)

📞 +1 514 621 0181 | ✉ quanghuynghua@gmail.com | 🔗 LinkedIn | 🐙 Porfolio

Summary

Entry-level data analytics professional, transitioning from a career in the energy industry and seeking a full-time role in the data field. I hope that my enthusiasm and willingness to learn, leverage data-driven insights, and drive innovation would make me an outstanding candidate.

- Excellent proficiency in platforms for effective analyses, including SQL, Excel, Sheets, PowerBI, and Tableau.
- Strong problem-solving, visualization, and analytical skills with experience in Python, R, and data extraction.
- Have a robust foundation in data-related coursework, databases, and machine-learning techniques.
- Quick learner, eager to explore emerging cloud platforms and big data architectures' frameworks.
- Have research experience for a large research project cooperating with Samsung Hospital.

Education

University of Ontario Institue of Technology Sep 2023 – Aug 2024 (expected)
Master of Business Analytics & AI *Oshawa, Ontario, Canada*

- Relevant Coursework: Business Analytics, Programming and Data Processing, Visualization and Storytelling, Digital Transformation, AI Programming, Big Data Systems Design, AI Security Privacy and Trust.

Seoul National University of Science & Technology Sep 2018 – Aug 2020
Master of Science, Mechanical Engineering *Seoul, South Korea*

Hochiminh City University of Technology Sep 2013 – Apr 2018
Bachelor of Engineering, Mechatronic Engineering *Hochiminh city, Vietnam*

Competencies

- Programming Languages: Python, R, SQL
- Data Visualization: Google Studio, Origin, Power BI, Tableau, Excel
- Database: MySQL, PostgreSQL, Google BigQuery, Teamcenter
- Others: Tableau Prep Builder, Microsoft Offices, Autocad, Inventor, Solidworks, Creo, Mathcad, Comsol
- Certificates:
- Completed a course in Career Essentials in Data Analysis by Microsoft and Linkedin.
- Completed a course in Career Essentials in Generative AI by Microsoft and LinkedIn.
- Data Science Hands On (PowerBI, SQL, Tableau, Spark, Python). (Udemy)
- Tableau Prep Masterclass: Data Preparation, Analysis & ETL. (Udemy)
- My SQL Database. (freeCodeCamp)
- SQL Tutorial – Full Database Course. (freeCodeCamp)
- Pursuing Google Data Analytics Professional Certificate. (On-going)

Professional Experience

Baker Hughes Energy, Oil Field Equipment Apr 2021 – Jul 2023
Mechanical Engineer, Control Division, Hymech *Hochiminh city, Vietnam*

- Involve in conceptualizing, creating, reviewing mechanical components and assemblies which are deployed in global subsea oil and gas production (project ENI Baleine, Agogo, Ndungu, Inpex Ichthys, Chevron Gorgon…).
- Transform design schematics into manufacturing, while identifying and mitigating potential hazards, ensuring compliance with international and regional safety and quality standards, including API-17F, ISO-13628-6, and ASME, by examining functional design specifications.
- Help the business achieve new heights, expanding triple head counts along with oil price reaching its peak in 2022.

Seoul National University of Science & Technology Sep 2018 – Dec 2020
Researcher, Miniaturised Medical Systems Lab (MMSL) *Seoul, South Korea*

- Extensively research in Piezoresistive pressure sensor for medical guidewires.
- Test, collect, and process signals from fabricated sensor through mono-DAQ.
- Design sensors using 2D and 3D CAD software (Autocad, Solidworks, Orcad).
- Simulate (FEA) sensitivity using Comsol Multiphysics.
- Process signal, gather data, and visualize results on dashboard.

Awards & Scholarships

- International conference paper in BME9, Hochiminh City, Vietnam. 2022
- Conference paper in Korean MEMS, Jeju, South Korea. 2019
- International conference paper in Solid State Devices & Materials, Nagoya, Japan. 2019
- Master research scholarship at MMSL, Seoultech, Seoul, South Korea. 2018
- Global intern program scholarship at Gwangju Institue of Science and Technology, Gwangju, South Korea. 2017