Dennis Nguyen (Quang Duong Nguyen)

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CAREER OBJECTIVES

A passionate and highly motivated Data Engineer with extensive experience in data analysis, data warehousing, and automation. Demonstrated ability to self-learn and adapt quickly to new tools and technologies, driving innovation and operational efficiency. Eager to apply my skills in a forward-thinking organization to support the development of scalable data infrastructure and contribute to data-driven decision-making processes.

SKILLS

Technical: Python, R, Excel VBA, Power BI, Tableau, AWS Glue, AWS EC2, Azure Data Factory, MySQL, Snowflake, BigQuery, Docker, dbt, Azure Data Factory, Apache Spark, Apache Airflow, Github Action, AWS CloudWatch.
Interpersonal: Active listening, critical thinking, solution-oriented attitude, conflict management, team building, collaboration.

RELEVANT EXPERIENCE

DATA ENGINEER   **Melbourne**
Jung Talents   **Jul 2023 - Current**
● Implemented data warehouse schema design and automated ELT pipelines using Apache Airflow, orchestrating migration and data loading to Snowflake from AWS S3, achieving significant time savings.
● Utilised dbt and Azure Data Factory to execute the data transformation in ETL pipelines using SQL, Jinja template and macro, obtaining time saving in creating document, ensuring data validation and enabling code reuse across multiple projects.
● Leveraged Apache Spark for batch processing, real-time data streaming, and interactive analytics, integrating with Power BI for dynamic data visualization.
● Optimized SQL queries and data models in Snowflake by managing clusters, rebuilding micro partitions, and troubleshooting technical issues.
● Developed and deployed containerized data applications using Docker, ensuring scalable environments and streamlining deployment workflows.
● Established CI/CD workflows with GitHub Actions, maintaining version control to enhance collaboration and streamline deployments.
● Set up monitoring in Snowflake history and AWS CloudWatch to track system performance, promptly identifying and resolving issues to ensure smooth data processes.

DATA ENGINEER   **Melbourne**
PTE Master   **Jun 2022 - Jun 2023**
● Ingested data from AWS S3 and cleansed it using Python and Power Query for data extraction, transformation, and modelling.
● Analysed processed data using Power BI and pandas, identifying trends and insights to inform business decisions and improve teaching services.
● Collaborated with cross-functional teams and stakeholders to support analysis, optimize SQL queries, and design timely Power BI and Tableau reports.
● Automated data processing with pandas, enhancing productivity in daily report generation.
● Implemented automated triggers for Power BI, reducing manual intervention and contributing to data-driven decision-making.

BUSINESS OWNER   **Hanoi, Vietnam**
HANDITEX Handicraft Export Company   **Mar 2018 - May 2022**
● Designed and implemented export strategies to maximize annual turnover.
● Evaluated marketing plans for Alibaba.com as a B2B platform and offline trade promotion activities.
● Monitored sales transactions, reviewed customer responses, and maintained relationships with customers, partners, and suppliers.
● Utilized Jira to manage and track project tasks and workflows, facilitating communication between teams to enhance productivity.

BUSINESS INTELLIGENT ANALYST   **Hanoi, Vietnam**
PVI Insurance Corporation   **Jan 2016 - May 2017**
● Reviewed and translated documents related to aircrafts and satellites insurance.
● Participated in planning and arranging workshops on insurance programs.

- Developed and implemented Excel VBA macros to generate reports and dashboards, consolidate data, validate accuracy, create policy statements, and perform complex data analyses.
- Collaborated with foreign reinsurers and internal divisions to report, evaluate, and issue insurance certificates.

EDUCATION

MASTER OF TECHNOLOGY (ENTERPRISE SYSTEMS & BUSINESS ANALYTICS) **Australia**
Federation University Australia **Jun 2022 - Jun 2024**

Focus on relevant topics and technology pertaining to Enterprise Systems (ERP, SCM, and CRM), BPR, Big Data, Business Analytics, Cloud Computing, IS Security, Project Management and IT strategy, using some cutting-edge technologies from leading vendors SAP, IBM and SAS.

MASTER OF BUSINESS ADMINISTRATION **United Kingdom**
University of Chester **Aug 2013 - Jan 2015**

Focus on management skills and entrepreneurship, marketing management, financial analysis, strategic management, human capital management and international business.

BACHELOR OF BUSINESS ADMINISTRATION (E-Commerce) **Vietnam**
Foreign Trade University **Sep 2009 - Jun 2013**

Provided in-depth knowledge of business and IT applications, including organizing e-commerce activities, IT investment strategy planning, building information systems, developing e-commerce software, managing information systems, and optimizing resource efficiency.

CERTIFICATES

DATA ANALYTICS INTENSIVE COURSE, *Coding Mentor.* **Mar 2023 - Jul 2023**
QUANTIUM ANALYTICS VIRTUAL EXPERIENCE PROGRAM, *Forage.* **Feb 2023**
GOOGLE DATA ANALYTICS CERTIFICATE, *Google Inc.* **Jan 2023**

References available upon request.