

# HIEU Q. NGUYEN (NICK)

## Contact Information

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**Portfolio:**

<https://nicknguyen.me>

**GitHub:**

<https://github.com/nicknguyen22>

## Education

**Master of Applied Data Science**

University of Canterbury, NZ

**Master of Business Administration**

University of Gloucestershire, UK

**Bachelor of Business – Finance**

Unitec Institute of Technology, NZ

## Business Skills

- Strategic planning
- Project management
- Business analysis
- Critical thinking
- Problem-solving
- Innovative thinking
- Negotiation & Influence

## Personal Skills

- Integrity
- Adaptability
- Adaptive learner
- Responsible
- Initiative-taking
- Able to work under pressure
- Self-starter

## Personal statement

Immersed in the captivating world of data science, armed with a master's degree and backed by more than 15 years of versatile experience across pharmaceuticals, banking, real estate, and retail, I'm a dedicated data scientist driven to solve real-world business challenges by merging data science skills with practical business insights. My objective is to foster positive transformations, advance societal progress through data-driven endeavors, and bridge the gap between data science and business expertise to address genuine corporate issues and provide valuable solutions.

## Relevant Skills

**Cloud Services:** Amazon Web Services (AWS), Microsoft Azure.

**Database:** SQLite, My SQL, Postgres SQL.

**Data analysis:** Demonstrated proficiency in conducting thorough and insightful data analysis. Skilled in extracting meaningful insights from diverse datasets and interpreting complex data points effectively.

**Data mining:** adept at revealing valuable insights from large datasets through advanced techniques such as clustering, classification, and predictive modeling. Skilled in utilising SQL queries, data mining tools, and collaborative efforts to translate findings into actionable strategies.

**Data visualisation & reporting:** Power BI, Tableau, Google Looker Studio, Python and R.

**Data wrangling:** Skilled in acquiring, cleansing, and transforming raw data into refined datasets. Proficient in a wide range of data scrapping, extraction, cleaning, and preprocessing techniques. Efficiently manipulate and transform data using R and Python.

**Distributed Computing:** Hadoop, Hive, and Spark.

**Machine learning & Deep learning:** Developed and deployed predictive models, including convolutional neural networks (CNN) and recurrent neural networks (RNN) to address intricate challenges, achieving notable outcomes. Skilled in TensorFlow and PyTorch for modelling.

**Operating system:** Mac OS, Windows, Linux

**Other Software/Tools:** Git, Jira, Confluence, Jupyter notebook, MS Offices, Figma.

**Programming Language:** Python, R and SQL.

- Teamwork

## Interests

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- Reading
- Listening to music
- Badminton
- Meetup with friends
- Learning something new everyday

## Relevant Working Experience

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### **Data Scientist** at Nexbe Ltd Company, New Zealand ( Nov 2022 – Present)

- Managed and executed the full lifecycle of the "Analysing Carbon Footprint and Electricity Generation in New Zealand" project. Orchestrated database development, data mining, modeling, visualisation, and web app creation to reveal Carbon Intensity patterns through time series pattern recognition techniques and algorithms.
- Formulated and executed an efficient model optimising solar panel arrays and battery systems, leading to significant reductions in electricity costs and amplified profits through streamlined grid electricity export.
- Leveraged PowerBI and Python to analyse complex technical and commercial data, creating informative reports and visually engaging dashboards. This enabled the sales team to enhance stakeholder and customer engagement and drive revenue expansion.
- Utilised PyTorch and TensorFlow frameworks to deploy Recurrent Neural Networks (RNNs) for predictive analysis of electricity spot prices, further enhancing battery optimisation efforts.
- Conducted in-depth analysis of electricity Contract for Difference (CfD) to devise a strategic algorithm for maximising CfD profits.

## Other Working Experience

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### **Advisor to The Chairman** at Nadyphar JSC., Vietnam (March 2018 – Feb 2022)

### **Founder & Strategic Development Director** at Acexis JSC., Vietnam (Apr 2018 – March 2021)

### **Multichannel Marketing & Project Manager** at GSK (GlaxoSmithKline), Vietnam (Aug 2016 – Feb 2018)

### **Business Development & Project Manager** at GSK (GlaxoSmithKline), Vietnam (July 2013 – Aug 2016)

### **Business Development & Project Manager** at GB Corporation, Vietnam (Nov 2010 – Apr 2013)

### **Head Of Management Information Service & Assistant to Chief Operating Officer** at An Binh JS. Commercial Bank, Vietnam (March 2009 – Oct 2010)

### **Head of Technical Business Analysis** Sacombank Securities JSC., Vietnam (Nov 2007 – Feb 2009)

*Detail of Other Working Experience above available on request*