

PHU N DANG | dangnphu31@gmail.com

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EDUCATION

UNIVERSITY OF CALIFORNIA SAN DIEGO

Data Science Major, BS

Graduation Date: June 2025

- DSC 10 | Data Analysis
 - DSC 20 | Programming and Data Structures
 - DSC 30 | Data Structures and Algorithms
 - MGT 3 | Quantitative Methods
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EXPERIENCE

GOING SOLO | IT Services and IT Consulting | City of Johannesburg, South Africa

Jun 2022 – Aug 2022

Lead Data Analyst Intern (*Remote*)

- Implemented a character-based word embeddings ML model to improve words/phrases cognition for text classification
- Developed an automated data labeling tool using a Bayesian classifier
- Performed API calls to query data using findl.com
- Analyzed an S&P 500 stock/financials and developed an interactive dashboard in Tableau
- Managed projects and led team communication across 9 different time zones
- Refined and maintained a project management dashboard in Google Sheets to track progress and report to supervisor

DELOITTE Data Science Mentorship Program | Business Consulting | San Diego, CA

Feb 2022 – May 2022

Student Mentee

- Generated employment metric forecasts using ARIMA in R
- Performed multiple linear regression, EDA, and visualization in Excel and Python
- Presented findings/consultations to a non-technical audience of Deloitte practitioners and advisors from the Halicioglu Data Science Institute
- Worked 1-on-1 with a personal mentor (Data Science Manager at Deloitte) on a weekly basis

UCSD CSE SPIS | UCSD Jacobs School of Engineering | San Diego, CA

Aug 2021 – Sep 2021

Student

- Developed an information filtering system that generates vehicle suggestions given a user's lifestyle in Python
 - Programmed a web app in Python and HTML for browser display of user interface
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PROJECTS

World Happiness Report 2022 | Team Project

- Analyzed global happiness patterns using public data from the 2022 World Happiness Report
 - Incorporated COVID-19 vaccination data and conducted hypothesis testing to measure relationships
 - Examined correlations between the happiness index and social factors using a heat map of Pearson's r
 - Turned analytical insights into actionable recommendations
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SKILLS & ACTIVITIES

- Programming Languages: Python, Java, R, MATLAB, HTML, SCSS
- Frameworks/Tools: Pandas, SQLite3, TensorFlow, Scikit-learn, Flask, Jekyll, GitHub, MS Excel/Power BI, Tableau
- Native/Bilingual Fluency: English, Vietnamese
- Media Coordinator and Player on UCSD Men's Club Water Polo Team | Fall 2021 - Present
- Completed an intensive bootcamp in data analytics at iXperience | Summer 2022
- **Certifications:**
 - Microsoft Office Specialist (Excel) | 2018
 - Coursera IBM Certified Data Analysis with Python | 2021
 - Codecademy Learn Java Course (voluntary preparation for a class) | 2022
 - Coursera Duke University Business Metrics for Data-Driven Companies | 2022