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

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 *(SPIS – Summer Program for Incoming Students)*
- 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

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

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