

**PHU N DANG** | [dangnphu31@gmail.com](mailto:dangnphu31@gmail.com)

(669) 274-8956 | [pndang.com](http://pndang.com) | [linkedin.com/in/phungocdang](https://linkedin.com/in/phungocdang) | [github.com/pndang](https://github.com/pndang)

---

## EDUCATION

### UNIVERSITY OF CALIFORNIA SAN DIEGO

Data Science, BS | Real Estate & Development, 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 | Business Intelligence & IT Consulting | Johannesburg, South Africa

Jun 2022 – Aug 2022

#### Lead Data Analyst Intern (Remote)

- Implemented a character-based word embeddings 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](https://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 to a non-technical audience of Deloitte practitioners and advisors from the Halicioglu D.S. Institute
- Worked 1-on-1 with a personal mentor (Data Science Manager at Deloitte) on a weekly basis

### UCSD CSE SPIS | Summer Program for Incoming Students | 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
- 

## 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
- **Active Leadership/Technical Roles:**
  - Media Coordinator and Player on UCSD Men's Club Water Polo Team | Fall 2021 – Present
  - Viral Epidemics & Genomics Data Science Trainee in Niema Lab ([niema.net](https://niema.net)) | Fall 2022 – Present
  - DS3 Workshops Committee Member (Data Science Student Society - [ds3.ucsd.edu](https://ds3.ucsd.edu)) | Fall 2022 - Present
- **Certifications:**
  - Microsoft Office Specialist (Excel) | 2018
  - Coursera IBM Certified Data Analysis with Python | 2021
  - Codecademy Learn Java Course | 2022
  - Coursera Duke University Business Metrics for Data-Driven Companies | 2022
  - Completed an intensive bootcamp in Data Analytics at iXperience | Summer 2022