

NICHOLAS DELA FUENTE

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Versatile Data Engineer and Data Scientist specializing in curating innovative solutions to computational problems. Adept at receiving and monitoring data from multiple data streams and creating user based insights.

PROFESSIONAL EXPERIENCE

LAMBDA SCHOOLS

Lead Data Engineering Instructor, August 2020 – August 2021

Facilitated live-coding demonstrations, lectures, and delivered/developed Data Science and Data Engineer curriculum that produced job market ready graduates. Collaborated and managed a dedicated Data Science and Data Engineer team to provide a data driven curriculum for incoming Lambda students.

WEST&FARING

Senior Software Developer, March 2018 – August 2020

Worked alongside a multi-disciplinary team with project managers, designers, and web developers to create production grade digital consumables. Identified user and system requirements for new software and applications while prioritizing software development projects, setting timelines and assigning tasks to team members.

MAYO CLINIC

Clinical Data Scientist, August 2017 – May 2019

Developed Software to examine cross-sections and X-ray distributions for CT-scans in order to classify biominerals within the kidney and possible brain plaques. Utilized Excel, Python, Tableau, and Computer Vision techniques to statistically analyze data from distributions/CT-scans to develop a proper therapeutic diagnosis.

HYPERLOOP

Data Analyst Intern, August 2016 – May 2017

Worked alongside jet propulsion engineers to determine an effective way to propel a HyperLoop capsule through a vacuum tube. Recorded observations, took measurements and employed statistical modeling techniques at various stages according to a quality control plan. Also monitored university level financial distributions to determine most beneficial allocations.

EDUCATION

BARRETT THE HONORS COLLEGE AT ARIZONA STATE UNIVERSITY

May 2020

Bachelor of Science in Physics

Minor in Economics

SKILLS

- Python
- SQL & NoSQL
- Amazon Web Services
- MongoDB
- Data Wrangling and Cleaning
- Machine Learning
- Relational & Non-Relational DBMS
- Airflow
- Data Pipelines and Warehousing
- Docker
- Apache Spark & Hadoop
- Shell
- Vue JS
- Software Testing
- Flask & FastAPI
- Pandas, Numpy, SKLearn, etc
- JS, HTML, CSS
- Tableau