

ANGELA LOMBARD

Data Scientist

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Passionate and resourceful data scientist with a strong foundation in mathematics, statistics, and programming. Focused on solving challenging problems with data-driven insights and machine learning. Currently pursuing a Master's in Data Science to expand my knowledge.

EDUCATION:

University of California, Irvine

Bachelor of Science in Mathematics with a Minor in Statistics - *Cum Laude* - 2019

Masters in Data Science - 2026

WORK EXPERIENCE:

Bytes & Bots

Associate Software Engineer | 2017 - Present

- Managed a lab and taught software and hardware classes to K-12 students. Classes included robotics, programming and exploration of IoT devices. Students would learn how to incorporate sensors into their projects and then present their final project.
- Coached a team of students to compete in a robotics competition which challenged them to build and code a robot to autonomously complete different missions. Worked on soft skills, teamwork and the basics of STEM.

UCI School of Biological Sciences

NRS Nursery Technician | 2019 - 2020

- Led undergrad lab and field research programs at the San Joaquin Marsh for Field Freshwater Ecology (Bio. E179L)
- Conducted experiments on water-quality variables of lakes, streams, and rivers using Dissolved Oxygen, Total Dissolved Solids, Salinity and PH.
- Collected and preserved specimens for the UCI Herbarium (IRVC) and managed data entry into the Consortium of California Herbaria.

RELEVANT PROJECTS:

Google Data Analytics Professional Certificate - 2021

- Completed the capstone project encompassing: data cleaning, visualization/organization, analysis, SQL, R programming, Tableau, and Microsoft Excel.

Chainlink Hackathon - Spring 2021

- Deployed an NFT (Non-fongible Token) project on the Ethereum Testnet.
- Programmed a smart contract that incorporated Chainlink and their Verifiable Random Function technology in order to ensure cryptographically secure randomness.
- Developed on the Ethereum blockchain and integrated Chainlink, Infura, Pinata and IPFS: InterPlanetary File System.

SKILLS:

- R, Python, Pandas, Scikit-learn & SQL
- Javascript & Solidity
- Microsoft Excel, Word and Google Equivalents
- Adobe Photoshop and Illustrator