Tom Hocquet

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EDUCATION

Bachelor of Science (B.S.) - Cognitive Science with a Specialization in Machine Learning and Neural Computation, Minor in Data Science, Minor in Mathematics
University of California San Diego, San Diego, CA   Sep 2020 - June 2024

Academic Experiences

UCSD Lab Assistant: Fall Quarter 2023 - Present
Working Data Analyst with Dr. Christine Johnson

> Worked on second-by-second data on dolphin behavior.

UCSD Instructional Assistant (IA)
Fall 2022
Taught COGS 100*, Cyborgs Now and in the Future* with Dr. David Kirsh
Winter 2023
Taught COGS 18, *Introduction to Python* with Dr. Jason Fleisher

Projects (All of these can be found on my website)

Catan AI
Implemented my own Q-Learning to teach an AI to play catan.
US Power Outage Data Analysis:
Example of some EDA I can do.
Chicken Disease Detection:
Trained a CNN to do early disease detection on images of chicken poop.

SKILLS

Machine Learning: Unsupervised and Supervised Machine Learning methods, Optimization Methods, Neural Networks, Reinforcement Learning (including a background in a lot of different algorithms)
Programming Languages: Python, Java, R, SQL, Git
Python Libraries: NumPy, Pandas, Scikit-learn, PyTorch, TensorFlow, Stable-Baseline3
Communication Skills: Sociable and easy to work with, half a decade experience with customer service. Fluent in English, French and Spanish

Work Experience

I am a determined worker, I like to see things through and do them properly the first time.

Instawork Gigs: June 2023- Present.

> Main places I worked at are Worldpac (auto part distributor) and Legoland.

Jeffs' Beach Burgers (Team Member): August 2022 – May 2023

UCSD Catering (Server): May 2021 - June 2022

Chocolat Hillcrest (Barista/Server): July 2021 - March 2022

Amazon (Learning Ambassador): July 2020 – September 2020

> Trained the new associates on their first day and assured quality control.

Refine Men's Salon (Receptionist): October 2018- March 2020