Daniel Chelling

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EDUCATION

B.S. in Data Analytics, Minor in Economics August 2019 -May 2023
Chapman University – Fowler School of Engineering *Orange, CA*

Relevant Coursework: Machine Learning, Database Management, Artificial Intelligence, Data Structures and Algorithms, Econometrics, Applied Business Analytics, Statistical Models in Business

SKILLS: • Programming Languages: R, Python, SQL, Javascript, C++, Java
• Microsoft Office Suite: Excel, PowerPoint, Word

WORK EXPERIENCE

Cryptocurrency Exchange Researcher July 2024 – Present
Chainlabs *Online*

- Identified and analyzed regional cryptocurrency exchanges, payment services, and financial networks for inclusion in a global database
- Documented transaction flows and crypto address activities to provide transparent audit trails
- Created and validated exchange accounts, ensuring accurate tracking of cryptocurrency transactions

Data Analyst August 2024– November 2024
ClippingEXE *Online*

- Designed and implemented a system to detect view botting in streamer clips
- Analyzed and processed large datasets using Python and SQL to identify suspicious activity patterns

Substitute Teacher August 2023 – September 2024
Holy Innocents School *Long Beach, CA*

- Taught lesson plans for students in Middle School to High School.

Co-Founder March 2022 – December 2022
SurfNode *Online*

- Co-founded an RPC server rental business for Solana blockchain with projected annual revenue of over $100,000
- Setup validator node with load-balancing for high traffic usage (70 Tb egress/month) with ~$4 million staked on it with monitoring system in Grafana.
- Set up and managed SQL database of user information and payments.
- Documented system maintenance procedures accessible to ensure seamless operation of the validator node, RPC server, and SQL database.

PROJECTS | dchells.github.io

Music Generation Spring 2023

- Utilized recurrent neural net architecture to create original music based on multiple datasets making a Midi -> Midi music generation model.
- Performed basic data scraping for multiple datasets to train on.

Car Crash Analysis Fall 2021

- Performed Gradient Boosting on a dataset of car crash data
- Visualized data and results using Shiny and ggplot