

Daniel Chelling

6350 Dominica Ave, Cypress, CA 90630
(562) 343-3571 | danielchelling@gmail.com | <https://dchells.github.io/>

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

Professional Certificate in Data Analytics & Generative AI

expected May 2025

California Institute of Technology (Caltech) - Center for Technology and Management Education

SKILLS:

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

WORK EXPERIENCE

Cryptocurrency Exchange Researcher

December 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