Christian **DerManuelian**

Data Scientist | Machine Learning Engineer

Personal Website: https://chris-derman03.github.io
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CONTACT INFORMATION

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EDUCATION

University of California, San Diego | Graduation Year 2024

B.S. in Data Science

Major GPA: 3.45 / 4.00

Warren Provost Honors

AGBU Alex-Marie Manoogian School | Graduation Year 2020

TECHNICAL EXPERIENCE

Data Analytics Intern | Planet Bids | Studio City, CA

August 2019 – December 2019

- **Wrangled and processed dozens of large datasets** for the U.S. public school system, ensuring accuracy and consistency in the data.
- **Developed Python scripts** to automate the data collecting and cleaning process, significantly improving efficiency of workflow..
- **Conducted data analysis** to identify patterns and insights enabling data-driven decision-making for eProcurement.

Software Engineer Intern | Seven Smarts LLC | Yerevan, AM

June 2019 – July 2019

- **Designed and implemented SQL queries** to manage and analyze real-time consumer transaction data for Buymie, a grocery delivery startup.
- **Gained hands-on exposure** to the development environments of two dynamic startups.
- **Collaborated in a team setting** to develop coding solutions and solve technical challenges.

Software Intern | TUMO | Yerevan, AM

June 2019 – July 2019

- **Acquired hands-on experience** with a range of graphic design and data visualization software tools to create impactful visuals.
- **Instructed a class of approximately 20 students** in Java programming and Object-Oriented Principles, fostering their understanding of core software development concepts.

TECHNICAL PROJECTS

Please See https://chris-derman03.github.io

SKILLS

Programming

Python (Over 10,000 lines)

C++ (Over 5,000 lines)

SQL (Over 500 queries)

Java (Over 2000 lines)

JavaScript | TypeScript (Over 1,000 lines)

C | R | ARM32 Assembly | MATLAB

Python – pandas | NumPy | PySpark | scikit-learn | Keras | Matplotlib | Seaborn | SciPy | Dask

ML/AI – TensorFlow | PyTorch | Keras | CUDA | CNN | LLM | DNN | RNN | Hyperparameter Tuning | Reinforcement Learning | AGI | PCA | KNN | Regression | SVM | Statistical Learning | Decision Tree | Random Forest | Computer Vision

Webdev – React.js | Vite | JavaScript | TypeScript | D3.js | CSS | HTML

General – Tableau | PostgreSQL | Docker | APIs | Web Scraping | UNIX | Linux | Apache Airflow | AWS | Computer Architecture | Pygame | Event Loops | Circuits | Embedded Systems | Raspberry Pi | Arduino | JSON

WORK EXPERIENCE

Guest Service Associate | Salata | Los Angeles, CA

June 2021 – August 2023

Guest Service Associate | Chipotle | San Diego, CA

November 2023 – June 2024

PROFICIENT LANGUAGES

English, Armenian