

Dmytro Kovalchuk

191 Throckmorton ave, apt 3B, Mill Valley, CA 94941
Phone: 267 243 6871 E-Mail: kdmytro@gmail.com
www.linkedin.com/in/kdmytro - <https://github.com/KDmytro>



Summary

Experienced Data Scientist and Machine Learning Engineer with focus in NLP. I believe in building data-driven products that provide actionable insights and results along with intuitive user experience.

Skills

Languages: Python, SQL, R, JS/React, Java

Machine Learning: Tensorflow, Pytorch, Scikit Learn, Numpy, Pandas, FAISS, UMAP

NLP: HuggingFace Transformers, Spacy, NLTK

DevOps/MLOps: AWS, Kubernetes, Terraform, Airflow, Docker, MLflow

Data Visualization: D3, Plotly, Tableau

UX/Graphic Design: Adobe Creative Suite, Sketch, prototyping

Experience

Augment, Inc > Sr. Machine Learning Engineer

09/2017 – present

- Developed patented deep neural net model (LSTM-based) for next utterance prediction (core product)
- Developed and deployed fast ANN search system for semantic search over conversational data
- Built service for automated unsupervised response pool mining
- Analyzed conversational and transcribed speech chatlog data to identify trends and topics
- Researched and deployed in production topic analysis, clustering, sentiment and NER models
- Designed and lead implementation of the microservice backend architecture (Flask/Python)
- Deployed Airflow in Kubernetes cluster (AWS) for pipeline ETL and ML workflow orchestration

Cornerstone, Inc > Business Analyst

01/2014 – 03/2017

- Analyzed trends in client engagement and utilization of the product
- Assisted management team in development and adoption of KPI metrics for the Client Success team

The Pep Boys > HR Systems Analyst

09/2005 – 12/2013

- Was responsible for data migration and integration with the legacy data warehouse
- Provided ad-hoc research and analytics as requested by senior management team
- Implemented near real-time reporting pipeline for training and performance metrics in BI

Self-employed > Full Stack / Web Developer

10/2002 – 07/2005

- Developed and supported fully functional online portal to support employee training program for a major hospital network in Livingston, NJ
- Designed front-end (HTML, JavaScript, Flash), developed application logic (PHP) and backend (MySQL)

Education

ICU University - Kyiv, Ukraine Major: **Management of Information Systems**

Lakeland College, WI, US Major: **Computer Science, Economics**

Galvanize **Data Science Immersive**