

ENOCH LEVANDOVSKY

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Data Scientist with a Master's in Computer Science. Seeking opportunities to apply my machine learning and statistics skills to create, performance test, and deploy AI models for companies at the forefront of AI technologies.

EXPERIENCE

Senior Applied NLP Data Scientist · XSELL Technologies · Remote · 12/23 – Present

- Leading projects incorporating gen-AI into company product
- Used NLP techniques to boost topic classifier accuracy 15% then state of the art
- Performance testing, deployed, fine-tuned, and scaled LLMs using TensorRT and NeuronX on amazon E2C instances
- Skills: LLMs, prompt engineering, PyTorch, NLP, pandas, Hugging Face, CUDA, python, ML deployment, API, XGBoost

NLP Data Scientist · XSELL Technologies · Remote · 05/22 – 12/23

- Adopted Deep Learning into old ML techniques to improve ML performance and analytics used across the company

Adjunct Professor · Northwest Nazarene University · Nampa, ID · 01/23 – 6/23

- Received a lot of positive feedback from students and teachers asking me to adjunct again
- Taught foundational and advanced topics such as Heuristic Algorithms, RL, ML, DL, and NLP
- Created projects and prepared lectures for a 4000 level University Artificial Intelligence Class

Data Scientist · In Time Tec · Meridian, ID · 01/21 – 12/21

- Used Pandas and SQL to data mine and engineer features for analytics requested by clients
- Optimized Python and SQL code from huge datasets to run from 5+ hours to under 10 minutes
- Skills: statistics, mathematical algorithms, pandas, matplotlib, SQL, ML, git

Robotic OS Developer Internship · Green Cut Robotics · Meridian, ID · 05/20 – 08/20

- Designed the OS to use a GYRO guided and GPS calibrated autonomous lawn mower
- Built a route planner using geospatial geometry
- Skills: OOP, python, Linux, Java, Android Studio, git

Paid Research Assistant · FireMap (Northwest Nazarene University) · Nampa, ID · 05/19 – 01/20

- Implemented Geospatial and Machine Learning algorithms to map burn acreage and severity of wildland fires
- Published at a [scientific journal](#) as well as presented at three conferences (TFRSAC, INBRE 2019, and FDL 2019)
- Illustrated a 15% decrease in accuracy when using satellite imagery vs drone imagery for wildfire acreage mapping
- Skills: python, ML, Geospatial Analysis, C++

EDUCATION

Ph.D. in Computing · Boise State University · 08/24 – Future

- Using CHILES dataset to train a micro LLM for minimal size and child understanding via LLM finetuning & GRPO

M.S. in Computer Science · Boise State University · 08/21 – 06/22

- [Project](#) – Refactored RASA chat bot to work in an incremental text/speech environment
- Deep Learning – Learned advanced topics such transformers, backpropagation, Encoding/Decoding, and GAN
- Natural Language Processing – Applied BERT, Transfer Learning, and TensorFlow to solve NLP problems
- Theory of Computation – Designed the fastest Busy Beaver solution that was 34x faster than class avg
- Reinforcement Learning, and Big Data, Machine Learning, Data Science
- Skills: pandas, TensorFlow, NLTK, NLP, LLMs, Hadoop, R&D

B.S. in Computer Science and Mathematics *Double · Northwest Nazarene University · 08/17 – 05/21

- Emphasis in Data Science and Minor in Business Administration
- Top student at Data Structures (completed semester challenge project on a single run without a bug)
- Skills: C++, python, SQL, Java, C#, Data Structures, OOP, OS, cyber security, APIs, SEO

ACTIVITIES/PROJECTS

- Use prompt engineering to create and advertise 800+ listings for a [family business](#)
- Placed 1st Regional (R6) in [IEEEExtreme 14.0 Hackathon](#) placing on top of school such as UC Berkley
- Volunteer as IT for local Ukrainian refugee center installing WIFI, Security, and account managment

PUBLICATIONS

- Evaluating Automatic Speech Recognition and Language Understanding in an Incremental Setting. Semdial, 2023
- Mapping Burn Extent of Wildland Fires from Satellite Imagery Using Machine Learning. Remote Sens. 2020, 12, 4097