

YISHAI RASOWSKY

Phone: +972-50-798-5012 | Email: yishairasowsky@gmail.com

[Github](#) | [Linked-In](#) | [Quantum Entanglement Thesis](#)

I am a very organized self-taught software developer who writes clean code. I am passionate about solving real business problems by designing successful algorithms and machine learning models.

My advanced physics and mathematical background makes me a great problem solver.

SKILLS

- Selecting and developing ML models
- Scripting, Linux, and Kubernetes
- Learning new technologies quickly
- Creative thinking
- Systematic problem solving
- Industrious and organized

EXPERIENCE

DATA SCIENTIST INTERN, SEFARIA, 2020

- Created NLP multi-label classifier to assign topic labels to text passages.
- 99% precision, 36% recall. Designed algorithm specifically for high precision.
- Dataset was bilingual, in ancient Hebrew and English.
- Leveraged knowledge graph to enable hierarchical classification.
- Used Pandas, Scikit-Learn, Scikit-MultiLearn, Matplotlib, Seaborn, Kubernetes.

PYTHON DEVELOPER CONTRACTOR, SMRT, 2019

- Created NLP entity extractor for lease contracts using rule-based logic.
- Developed interactive confusion matrix and statistics to evaluate predictions.
- Achieved accuracy of >90% for some entities; boosted precision/recall by 20%.
- Used Pandas, Scikit-learn, SpaCy, Amazon Web Services, Matplotlib, Seaborn.

EDUCATION

HONORS B.A. IN MATH AND PHYSICS, AMHERST COLLEGE, 2008

- Honors physics thesis in quantifying entanglement of QM states.
- Outstanding score on the comprehensive exam in mathematics.

ADVANCED TALMUD, OHR SOMAYACH, 2008-18

- Excelled in Gemara study with both encyclopedic breadth, and in-depth analysis.
- Granted semicha (rabbinical ordination) from HaGaon Rav Zalman Nechemya Goldberg.

CERTIFICATIONS

DATA SCIENCE AND MACHINE LEARNING CERTIFICATE, IBM, 2019

- Executed data-driven solutions to increase efficiency and accuracy.
- Created data regression models with visualization using predictive data modeling.

PROGRAMMING COURSE, UDACITY, 2018

- Achieved proficiency in Python, Numpy, Pandas, and Github.
- Implemented knowledge acquired in SQL, HTML, CSS, Javascript.