Evan Albright

Machine Learning Engineer & data wrangler with extensive experience researching, prototyping, launching, and scaling brand new AI & data products Primarily coded with Python & Golang

CONTACT

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EDUCATION

2018 – 2020 **Master's in Data Science** @ *UMass Amherst*

2010 – 2014 **Bachelor's in Computer Science** @ *Carleton College*

EXPERIENCE

2021 – Present

Principle Software Engineer @ *Zus Health*

Leading the use of safe & innovative AI applications in healthcare for Zus Health. Exploring the potential for semantic search and LLM based applications over patient data and clinical notes. As a founding engineer I have built and launched the following to GA

> *Our foundational real-time Master Patient Index with a sub-500 ms 99th percentile SLA. All other Zus products depend on this.*

> *Our streaming medical record data reconciliation and summarization layer, enabling Zus' collaborative patient longitudinal record.*

> *Our serverless data normalization preprocessor which standardizes data formatting and terminology values across ICD-10, SNOMED, RxNorm, and LOINC.*

2019 – 2021

Data Scientist & Machine Learning Engineer @ *Omada Health*

Unlocked entire data science org's potential for data products to rigorously pursue quantifiable behavior change. Piloted deep learning based approaches to categorize patient mental state for coaching pattern mining.

> *Built the the ML model development and deployment pipeline for the team of 7 data scientists to launch 4 data products in weeks where in previous years no projects had made it to production.*

> *Gathered 2 million labeled data points by gamifying data labeling across the organization*

> *Reduced revenue-producing error rates from 3% to 0.3% using an explainable XGBoost logistic regressor*

2016 – 2018

Technical Member of Staff @ *Einstein AI, Salesforce*

Developed Restful API microservices to train & serve cutting-edge vision & language deep learning models to Salesforce enterprise customers

> *Primary inventor on patented image data augmentation pipeline*

2014 – 2016

Nuclear Science & Engineering, Computer Scientist L2 @ *Terrapower*

Enhanced capabilities of nuclear reactor life cycle simulation software for faster, accurate & verifiable iterations of next-generation reactor designs

> *Primary inventor on patented reactor simulation software*

> *Cut simulation runtime from hours to minutes with a backwards compatible database migration*