ENES GRAHOVAC

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EXPERIENCE

Senior Machine Learning Engineer (NLP), Typpo

Q4 2022-Present

Typpo is the first voice-driven video creation tool, powered by Al.

- Developed 6 scalable APIs on AWS for Text-to-Speech, Speech-to-Text, Speech-to-Speech, Image Generation, and Text Generation, handling 1000+ daily requests.
- Trained on-device iOS models for text and speech classification with over 1MM examples over 14 classifications.

Founder, Bootstrapped Projects

2019-Present

Founded 3 projects in my time off of Full-Time work with Typpo

- PhoneGPT (phonegpt.app) First app to call and talk with ChatGPT using Phone Call. Added SMS next.
- Molla (getmolla.com) Al-powered site-blocker that uses intelligence to keep you focused on the internet
- BookQuest (<u>book-guest.com</u>) Al that creates courses and quizzes from any novel, textbook, and book.
- FaceR Doorlock using 3D facial recognition models to unlock. Built hardware and ML models.

Machine Learning Engineer (NLP), Speechify

Q3 2021- Q4 2022

The Speechify app implements text-to-speech ML models to enable users to hear text copy read out loud.

- Led analysis strategy for 21M users, identifying key retention metrics; reported to CEO.
- Developed character voices feature using Quotation Attribution NLP; launched to 10M Apple users.
- Built a web scraper for 50K books, driving 10x user growth and securing a promotion.
- Founding engineer on B2B and Voice Overs teams. Launched MVP products then sold first product to Pluto TV.

Machine Learning Engineer (contract work), bundlelQ

Q1 2021-Q3 2021

bundleIQ is an intelligent notetaking and research platform for content creation.

- Trained proprietary NLP models, reducing API costs by 500x and scaling to 250K+ daily calls.
- Hosted models using AWS Sagemaker, AWS Lambda, and API Gateway, replacing OpenAI's API.

Machine Learning Engineer (contract work), Systems & Methods, Inc (SMI)

Q1 2021-Q3 2021

SMI is the main child support payment processing, disbursement, and customer service provider for over 13 US states and millions of families.

- Researched and evaluated ML models for child support payment extraction.
- Trained and evaluated deep learning models with a 14M+ invoice dataset using Azure ML Studio.
- Deployed scalable inference endpoints to service 14M+ million inference requests per year.

Junior Machine Learning Engineer, Rokk3r

2017 - 2018

Rokk3r was a Miami-based hedge fund that works with the companies they fund to build out technological solutions.

- Built job query recommendation engine for Joule.ai using TensorFlow NLP.
- Scraped and cleaned job listings for ML training datasets.

EDUCATION

BA - Physics, University of Florida (UF)

August 2019 - July 2021

- Machine Learning Research as Advised by Dr. Damon Woodard
- GPA: 3.84

BS Physics - Florida Institute of Technology (FIT)

August 2016 - May 2017

High Energy Physics lab researcher

SKILLS

Python, TypeScript, PyTorch, Tensorflow, Numpy, Pandas, NextJS, Vercel, SQL, Web Scraping, GCP, AWS

AWARDS and RECOGNITION

• First Place Winner, Machine Learning 4 Science Hackathon

2020

Research Fellowship Awardee, NASA L'Space NPWEE – Awarded \$10,000

2020