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 AI.
- 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) – AI-powered site-blocker that uses intelligence to keep you focused on the internet
- BookQuest (book-quest.com) – AI 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), bundleIQ   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**