






Jason Brazeal

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Experience





 Apr 2019 – Sep 2023
 San Francisco, California

Staff AI Engineer

Mya Systems (acquired by Stepstone)

- supported and extended the conversation engine at the core of Mya's AI recruiting solutions (Python/Celery/Flask/Redis/Sagemaker)
- trained, deployed, and maintained ML models for intent classification, entity recognition, and other NLP-related tasks (Python/Pandas/Numpy/Scikit-Learn/Tensorflow/Sagemaker)
- architected and developed new features such as robust foreign language support, language switching, and job searches in conversations (Google Translate/Elasticsearch/Sagemaker)
- studied the latest LLM research and implemented ideas from papers in code experiments on RAG, prompt engineering, hallucination mitigation, agents, etc. (OpenAI/LangChain/Chroma)





 Jul 2018 – Jan 2019
 San Francisco, California

Senior Backend Engineer

Primer AI

- deployed and maintained data ingestion pipelines to enable large-scale machine learning analyses of natural language data (Python/Docker/Kubernetes/AWS)
- designed and coded REST APIs and other infrastructure backing web-based interfaces to artificial intelligence software (Python/Flask/React)
- provided technical leadership and advisement as a member of the Platform Infrastructure team through code review, tech talks, interviewing, and mentoring



 Jul 2017 – Jul 2018
 San Francisco, California

Principal Software Engineer

Medal

- contributed to data engineering efforts to ingest medical data (structured and unstructured) from a wide variety of sources and preprocess them for model training (Python/AWS)
- coded Search & Summary web application, in which preprocessed medical records and clinical data could be examined and summarized using machine learning (Python/Django/Javascript)
- integrated HIPAA-compliant AWS S3 storage, SQS/SNS, and OAuth2 authentication into Medal's platform and applications
- provided guidance on technical architecture, scoping, preliminary cost analysis, etc. and served as leadership and a mentor to the engineering team

Software Engineer

Verodin

📅 Dec 2015 – Jun 2017

📍 remote

- Front and back end development for a security instrumentation platform written in Python, Ruby/Rails, and Javascript

Python Developer

Tyco

Technology & Innovation

📅 Sep 2014 – Dec 2015

📍 Boca Raton, FL

- Web and embedded application development in Python for an IoT product

Software Developer / Analyst

The University of Texas at Austin

Registrar | Identity & Access Management

📅 Feb 2012 – May 2014

📍 Austin, TX

- Python/Django and IBM z/OS mainframe development supporting critical university services such as IAM, course scheduling, and student registration

Phonetics Research Internship

Laboratoire de Sciences

Cognitives et Psycholinguistique

📅 May 2010 – Aug 2010

📍 Paris, France

- Python scripting, audio stimulus preparation, measurement and analysis of speech data

Spanish / French Instructor

The University of Texas at Austin

Department of Spanish & Portuguese

Department of French & Italian

📅 Aug 2002 – Feb 2012

📍 Austin, TX

- Undergraduate language instruction for first- and second-year Spanish and French students

Education

Machine Learning Specialization

Coursera, Andrew Ng

Computer Architecture & Assembly

Introduction to Networking

City College of San Francisco

Webmaster Certificate

Austin Community College

Software Developer Training Program

University of Texas at Austin, ITS

M.A. in Romance Linguistics

University of Texas at Austin

A. B. in Linguistics

University of Georgia

Top Tools

