Change Healthcare

Helena H. L. · 2nd

Machine Learning Engineer at
Change Healthcare

San Francisco Bay Area · **Contact info**

500+ connections

3 mutual connections: Cheng-Chieh Peng, Erik Yu, and 1 other

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About

◉ Authorized to work for all employers in the United States
◉ Languages: Python (Most of the time; 4+ years' experience), SQL, R, MATLAB,
Spark
◉ Tools and Technologies: Machine Learning (Scikit-learn), Natural Language
Processing (Gensim, StanfordNLP, SpaCy), Deep Learning (Tensorflow, PyTorch,
Keras), Cloud Computing (AWS), Version and environment control (Git, Docker)

Activity

822 followers

Posts Helena H. created, shared, or commented on in the last 90 days are displayed here.

See all activity

Experience

Machine Learning Engineer

Change Healthcare · Full-time
Dec 2020 – Present · 8 mos
San Francisco Bay Area

The Conversational AI group of Change Healthcare dedicates to build custom chatbots to accelerate the customer support in healthcare industry
• Created chatbots and voicebots using AWS Lex, Lambda, Cloudformation, DynamoDB, and Athena
• Designed a project template for future chatbot projects, including a Gitlab CICD pipeline for model deployment

Data Scientist

Oracle · Contract
May 2020 – Oct 2020 · 6 mos
San Francisco Bay Area

Oracle's marketing data science team integrates digital marketing solutions that help B2B and B2C marketers
• Contract role focusing on analyzing marketing and sales data, including but not limited to: writing SQL queries, building data engineering pipelines, improving data quality, and training machine learning models
• Trained multi-label classification models on documents in PyTorch to identify the interests of potential customers. The training involves over 6 million textual paragraphs and more than 600 classes.
• Compared the pros and cons of different deep neural networks ranging from RNN, LSTM, Transformer, and BERT, thus reduced the model complexity by 27x and improved the training and inference speed

see less

Research Engineer

Living Analytics Research Centre (LARC) · Full-time

Sep 2018 – Mar 2020 · 1 yr 7 mos

Singapore

LARC is the joint research centre of Carnegie Mellon University and Singapore Management University.

• Researched and implemented data science and statistical approaches to solve AI-related problems, including regression, classification, natural language processing, and recommender systems.

• Proficient in data exploration, data preparation, model development, and model deployment.

• As the first author, published 1 research paper at ACM DPH'19 and 1 demo paper at ACM WWW'20.

• Fine-tuned generative pre-trained language model GPT-2 on 1 million cooking recipe documents

• Deployed an interactive website which allows conditional recipe generation in real-time at RecipeGPT.org, receiving 1000+ visits across 18+ countries and 2 paper citations in 6 months after release

• Proposed and implemented the world's first model to identify recipes which are unhealthful for diabetics

• Compared different document classification models (NBBoW, Word2Vec, RNN) and achieved an F1 of 0.85

see less

RecipeGPT: Generative Pre-training Based...

Data Analyst Intern

BrainCo · Internship

Jul 2018 – Aug 2018 · 2 mos

Greater Boston Area

BrainCo is a brain-machine interface start-up founded by Harvard scientists, located in Somerville, MA

• Designed the proof-of-concept experiments to correlate people's attention level with brain wave signals

• Recruited 20+ volunteers across teams within the company to participate in electrophysiology (EEG) experiments

see less

Software Engineer Intern

Acer · Internship

Jul 2017 – Aug 2017 · 2 mos

Taiwan

Acer is one of the top personal computer vendors in the world, headquartered in Taiwan.

• Developed a computer vision model (MobileNet, a light-weighted convolutional neural network) using Tensorflow to

Education

National Chiao Tung University

Master of Science (M.Sc.), Bioinformatics and Systems Biology

2016 – 2018

National Chiao Tung University

Bachelor of Science (B.Sc.), Biological Science and Technology

2012 – 2016

Zhejiang University
Exchange student, Biology, General
2014 – 2014

Licenses & certifications

AWS Fundamentals: Going Cloud-Native
Coursera
Issued Apr 2020 · No Expiration Date
Credential ID VZ9LTTSHCA4B

See credential

Skills & endorsements

Python · 8

Endorsed by **Albert Hsu, who is highly skilled at this**

LinkedIn Skill Assessment badge

Natural Language Processing (NLP) · 1

Chun-Min "Mindy" Jen, Ph.D. has given an endorsement for this skill

TensorFlow · 1

Chun-Min "Mindy" Jen, Ph.D. has given an endorsement for this skill

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Associate Engineer at Phillips 66

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Zhiyun Ren • 3rd in
Machine Learning Engineer

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Tianyuan Cui · 3rd
Machine learning engineer at Pinterest

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Yu-Cheng(Leo) Chen · 3rd
Software Engineer at Central Tech System Integration Corporation(中科系整)

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Hugo Chen · 3rd
Backend/Machine Learning Developer

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People you may know

Po Yu Chen, PMP
CymMetrik Enterprise Co., Ltd. Account Manager

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Jaelynn Hsiao
E-commerce Marketing Specialist, Market Research Analyst, Project Specialist,
Communication Specialist,

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Yuan-Jyun Lu
Data Platform Software Engineer, at Volkswagen Automotive Cloud team

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Connections to Helena H.

Erik Yu
eCommerce Revenue Strategist…

Cheng-Chieh Peng
Deep Learning Software Engine…

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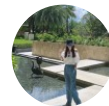
Zoey（YiXin）Lin — Jul 8
Zoey（YiXin）：這是我
WhatsApp號碼

Arjun Panwar — Jul 3
Arjun: But, currently no jobs available

Ruchi Rangnath — Jul 2
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Tulika Chatrath — Jun 30
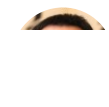Tulika: Hi Yu-Ting, Thanks for connecting! Just checking if…

Alex Komarov — Jun 23
Alex: Hello I will be glad to see you in my contacts

pengyang liu — Jun 22
InMail • BMS Engineer Recruitment-CATL

Yen Ting Low — Jun 19

Teh-Ting Low
You: Hi nice to meet you

Le-Ping (Amos) Mao   Jun 19
You: Hi nice to meet you

Erik Yu   Jun 19
You: Hi, nice to meet you

Wanshu (Rita) Chou   Jun 19
You: hi 你好呀