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Yucheng He
Richard

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Work Experience

Senior Software Engineer, Graft

Jun 2022 – Present

Full-time, Remote

- Worked on foundation models embedding store versioning and experimentation
- Implemented LLM model fine-tuning feature for BERT and RoBERTa
- Implemented log observability platform using Fluentd and AWS OpenSearch

Scout, UpHonest Capital

Nov 2022 – Present

Part-time

- Sourcing pre-seed/seed deals

Senior Software Engineer, Cruise

Aug 2020 – Jun 2022

San Francisco, CA

- Led effort to unify simulation analysis ETL pipelines across different simulation frameworks company-wide
- Led refactoring effort to migrate 100+ simulation metric pipelines to new orchestration framework
- Developed in-process executor for our workflow orchestration framework and achieved 3x original pipeline runtime performance

Software Engineer Intern, Pinterest

May 2019 – Aug 2019

San Francisco, CA

- Worked for Feature Platform team that provides features for ML tasks at Pinterest
- Made new real-time ML features available on Pinterest feature store by integrating RocksDB
- Developed ML feature preview and versioned history on Pinterest feature platform UI using Hive

Software Development Engineer Intern, Amazon

May 2018 – Aug 2018

Seattle, WA

- Worked for Automated Advertising team to deliver dynamic product ads on social network platforms
- Launched dynamic product ads on Yahoo affiliated platforms

Education

Master of Comp Sci & Eng, Rice University

Aug 2019 – May 2020

Bachelor of Arts, Rice University

Aug 2015 – May 2019

Computer Science | Statistics

Projects

Creator, Chrome-GPT

May 2023

- Developed an open-source AutoGPT AI agent that controls Chrome on your desktop
- Received 1k+ stars on GitHub, got on GitHub Trending Projects

Founder, BearHug.ai

Apr 2023

- An AI testing platform that helps test your web applications using natural language
- Invited for YCombinator interview

Contributor, LangChain

Apr 2023

- Contributed to BabyAGI agent prompts and tooling

Contributor, RocksDB

Aug 2019

- Contributed to RocksDB open-source project on SST file reader Java interface

Skills

- Technical: Python, Java, Scala, Spark, K8s, Dask, Supabase, RocksDB, Cassandra, Docker, PostgreSQL
- Language: Chinese, English, German