

YIMING HUANG

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EDUCATION

University of Massachusetts Amherst

Sept. 2021 — Est. Jun. 2023

- B.S in Computer Science, Major GPA: 3.95/4.0 (Dean's List)

University of Washington Seattle

Sept. 2019 — Jul. 2021

- B.S in Mathematics, Cumulative GPA: 3.73/4.0 (Dean's List)

Coursework

- Natural Language Processing, Algorithms for Data Science, Data Structures and Algorithms, Introduction to Database Management, Computer System, Operating System, Introduction to Machine Learning, Software Engineering, Discrete Math, Computer Network,

EXPERIENCE

Amazon Web Service: SDE intern, Boston, MA

May. 2022 — Aug. 2022

- Started two end-to-end software development processes with the initiative to simplify operators' life by providing additional and more visible data
- Delivered features and fixed bugs on the Operators' Website, that uses HAML as its frontend, and Ruby on Rails combined with PostgreSQL as backend
- Built up a Sync Python script runs on AWS Lambda that request data from internal API of other teams, storing the data in S3, and display insight of the data using QuickSight

Tencent Cloud: QA Intern, ShenZhen Guangdong

Apr. 2021 — Jul. 2021

- Performed quality assurance on two updates on Content Delivery Service, including changes in modules, business logic, and UI
- Implemented a Testing Automation script that runs to ensure the accuracy of the data migration, and let the developers observe the result quickly, which increase the speed of iteration.
- Communicated with stakeholders of multiple modules to ensure the quality of the whole system after iterations

PROJECTS

AutoMTL: programming framework for Multi-task-learning

Feb. 2022 — May. 2022

- Implemented a Pytorch-friendly APIs for programmer to apply Multi-task-learning on custom Deep Learning model
- Simplified the development of Deep Learning model on multi-task by embedding a search space of task specific action in every layer
- Trained model using GPU, and verified result with the original result from paper

Aki: Referral Service using Micro-Service Architecture

Sep. 2021 — Dec. 2021

- Led team of 6 Backend developers to analyze requirement, design Backend structure, and deploy service online in a Scrum style
- Designed the data storage structure using ER diagram and construct DataBase using MySQL

SKILLS

Technical: Java, Python, GoLang, Ruby, AWS, Git, Docker, MySQL, Linux

Non-Technical: Chinese (Native Speaker), English (Full Proficiency), Japanese (Intermediate)