YEN-TING LEE

Sunnyvale, CA 94085 ⋄ 650-686-8442 ⋄ ralph831005@gmail.com ⋄ https://yt-lee.com

SKILLS

Programming	Python, C, C++, Java, Pytorch, Mongo DB, SQL, Hadoop, MapReduce, Bash Script
Machine Learning	Nerual Networks, Natural Language Processing (NLP), Natural Language Generating
Development	Git, Scrum, Distributed System, Product Delivery, System Design, Object Oriented Design

WORK EXPERIENCES

Point72   July 2019 - May 2023
Research Analyst II

· Designed and delivered internal libraries which shorten the model execution time by 50% and improve readability.
· Developed a new portfolio optimizer in C++ which trades faster and creates 100% more returns.
· Diagnosed and resolved live-trading crashes and real-time data feed errors rapidly.
· Profit over 2% in live trading with solid finance data researching based on ML, NLP and statistic.

WorldQuant   Jan 2019 - Feb 2019
Research Analyst Intern

· Best Presentation Award
· Financial data research based on websim platform.

GameMind   July 2017 - May 2018
Software Engineer

· Led the development of machine learning solution to empowering our customers to profile their target audience.
· Designed and developed the data-end system for Peekur, the core product in an early start-up.
· Designed and delivered a multi-threaded data pipeline to collect, tag, classify and store text data.

TrendMicro   Jul 2016 - Aug 2016
Software Engineer Intern

· Modeled a malware detector based on cutting-edge machine learning methods and achieved 0.98 AUC.
· Delivered several data pipelines based on Hadoop framework.
· Modeled a text classifier to summarize customer's feedback for future product improvement.

PUBLICATION AND PROJECT

Conditional Sentence Rephrasing without Parallel Training Corpus   2022 IEEE ICMEW
Y. -T. Lee, C. -T. Li and S. -D. Lin   *pp. 1-1, doi: 10.1109/ICMEW56448.2022.9859385.*

· Created a new structure of variational auto-encoder and demonstrated its ability to conditionally rephrase sentences.

Outdoor Caring Cane   February 2017
2nd Place, Sigfox Hackathon

· Prototyped a motion detector for the elders with IoT accelerometer sensors from scratch in 51 hours.

EDUCATION

National Taiwan University (NTU)   Sep 2017 - Jun 2019
Master of Science in Computer Science and Information Engineering   *GPA: 4.11/4.3*

National Taiwan University (NTU)   Sep 2013 - Jun 2017
Bachelor of Science in Computer Science and Information Engineering   *GPA: 4.13/4.3*

· Double Major: Finance
· Award: Dean's List Award (2 semesters)