

Juang, Yi-LIN

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WORK EXPERIENCE

- JUL. 2019 - 2020 Co-founder & CTO, **MilkJobs**, Taiwan
Milk Jobs was an instant messaging recruiting platform for SMEs. Developed website, iOS & Android Apps and backend. Onboarded hundreds of corporate users within weeks by introducing automated tools to accelerate sales process. **Milk Jobs** has 500 DAU, 5000+ users, 1000+ companies, 2000+ jobs.
Tech: react, react native, .net core, mysql, openapi, aws.
- 2018 - JUL. 2019 Software Engineer, **nuTonomy**, **Aptiv**, Singapore
Introduced a new format of autonomous vehicle logs into existing log processing service after company got acquired. Seamlessly migrated all other services to use the new format including two years of data. Guaranteed users from different sites across the US and Singapore to inspect any logs produced by any sites. Redesigned log processing pipeline by introducing AWS Kinesis and SQS to increase reliability and scalability (10 times traffic) and to decouple microservices. Established a new service to keep track of the processing status of every single log. Integrated with Slack, users can easily trace the logs by slack command. Leveraged it to analyze the performance of the pipeline and to deliver SLA.
Tech: python, .net core, mysql, aws.
- SUMMER 2016 Software Engineering Intern, **Google Inc.**, Taiwan
Chrome OS Video and Camera team. Developed low-level features between Chrome OS and Android system.

EDUCATION

- 2013 - 2017 National Taiwan University (NTU), Taiwan
Major in **Electrical Engineering**. Focus on **Computer Science**
CS GPA: 4.19/4.30. Courses: Network Science, Computer Networks, Machine Learning, Algorithms, Data Structure
- WINTER 2016/17 University of Hamburg (UHH), Germany
Exchange student in **Computer Science**
GPA: 3.30/4.00. Courses: Knowledge Processing, Robotics

EXPERIENCE

- SPRING 2019 Course Assistant, **Code In The Community**, **Saturday Kids**, Singapore
Volunteered in a coding program for kids from disadvantaged backgrounds. Step by step familiarized them with basic programming concepts, and revisited the joy of coding as they built playful programs in the end.
- 2017 **Octomender**, **Github Repo Recommender System** 📄
Get repo recommendation based on one's GitHub star history. Received **1000+** feedback of the personalized recommendation result. **Selected by Import Python Newsletter**.
Tech: algorithm (c++), web app (python flask, js, html), parallelization (openmp), db (redis, google datastore), deployed on GCP.
- SPRING 2016 **MakeNTU** 📄, Hackathon Founder
Founded the **1st hackathon for makers** in Taiwan. **Led a ten-person team**. Dealt with school administration, sponsors, tutors. Attracted 100+ makers. To date, remains the best and largest hardware hackathon.

SKILLS

- LANGUAGES Chinese (native), English (fluent), German (intermediate)
- PROGRAMMING **Main** JS (React, React Native, Node, Express, TypeScript), C# (.Net Core), Python (Flask), AWS, MySQL
Experienced C++, MongoDB, Linux Shell Scripting, Docker, Terraform, Sentry, Firebase, Git

PUBLICATIONS

YY Liao, HW Hsu, **YL Juang**, TL Yu. On the investigation of population sizing of genetic algorithms using optimal mixing. Proceedings of the Genetic and Evolutionary Computation Conference (GECCO 2019). Jul. 2019.

INTERESTS

Indie Films, Backpacking, Surfing, Cooking.