

JIA RONG WU

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GITHUB github.com/JRWu
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TECHNICAL SKILLS

Languages: Python, R, Java, C++, Bash, SQL, PHP, JavaScript, Rust

Frameworks/Libraries: Tensorflow, Keras, Kubernetes, Rancher, ReactJS, Redux, Express.js

Tools: Git, Docker, Kubernetes, Digital Ocean, Amazon AWS, Google Cloud, NGINX, Machine Learning, Hubspot

EXPERIENCE

TYK TECHNOLOGIES

[Sept 2021 - Present]

Solutions Architect / Sales Engineer

- Provide technical consultation to customers during proof of concepts, enabling and closing over \$1M ARR of new business per annum
- Write software to support business use cases and analyze data for enabling business growth
- Produce written and recorded technical content which drives marketing qualified leads and helps grow the sales pipeline

AUSPRE

[Feb 2019 - Nov 2021]

Co-Founder & Chief Data Scientist

- Built & deployed Extract, Transform, Load (ETL) data pipelines
- Trained end-to-end models for speaker diarization and speech-to-text workflows

MA LAB AT WATERLOO UNIVERSITY

[Sept 2018 - Sept 2022]

Teaching Assistant / Research Assistant

- Project manager for lab software development
- Administered exams, assignments, and developed evaluation scripts to enable automatic grading

EIGHTY8 VENTURES

[Jan 2017 - Jan 2020]

Full Stack Developer / DevOps

- Built SaaS applications with PHP, PYTHON, and MYSQL served with ReactJS
- Deployed containerized applications on Kubernetes Clusters through Digital Ocean

GLOOR LAB AT WESTERN UNIVERSITY

[May 2015 - June 2016]

Developer / Research Assistant

- Optimized existing software used in data analysis pipelines for performance increases of 200%
- Co-authored multiple peer-reviewed publications regarding compositional data analysis

EDUCATION

WATERLOO UNIVERSITY

[Graduated 2022]

Ph.D Computer Science Candidate

M.Math Masters Computer Science Graduate (Graduated 2018)

WESTERN UNIVERSITY

[Graduated May 2016]

Bachelor of Medical Science: Honors Spec. Computational Biochemistry

Major in Computer Science