

JIA RONG WU

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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, OpenShift, Digital Ocean, Amazon AWS, Google Cloud, NGINX, Machine Learning, Hubspot

EXPERIENCE

TYK TECHNOLOGIES

[Sept 2021 - Present]

Solutions Architect / Sales Engineer

- Drive API-first business strategies through strategic technical consultations
- Develop innovative software & demo solutions to support sales efforts and expand client base
- Create compelling technical content to accelerate sales pipeline growth
- Deliver results which consistently beat revenue expectations by 100% year over year

AUSPRE

[Feb 2019 - Nov 2021]

Co-Founder & Chief Data Scientist

- Spearheaded the development and deployment of efficient ETL data pipelines
- Trained end-to-end models for speaker diarization and speech-to-text workflows
- Successfully secured funding through accelerators, driving business growth

MA LAB AT WATERLOO UNIVERSITY

[Sept 2018 - Sept 2022]

Teaching Assistant / Research Assistant

- Managed software development projects, ensuring timely and high-quality deliverables
- Administered exams, assignments, and developed evaluation scripts to enable automatic grading

EIGHTY8 VENTURES

[Jan 2017 - Jan 2020]

Full Stack Developer / DevOps

- Engineered robust SaaS applications using PHP, Python, and MySQL, powered by ReactJS
- Orchestrated seamless deployment of containerized applications on Kubernetes Clusters

GLOOR LAB AT WESTERN UNIVERSITY

[May 2015 - June 2016]

Developer / Research Assistant

- Optimized data analysis pipelines, achieving performance enhancements of over 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