

# JIA RONG WU

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## TECHNICAL SKILLS

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**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

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### TYK TECHNOLOGIES

[Sept 2021 - Present]

*Solutions Architect / Sales Engineer*

- Provide technical consultation to clients looking for an API first business strategy
- Support the sales cycle through development of software for novel use cases
- Enable growth in sales pipeline through creation of written and recorded technical content
- Deliver results which consistently beat revenue expectations by 100% year over year

### 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
- Conducted business operations to obtain and maintain funding through accelerators

### MA LAB AT WATERLOO UNIVERSITY

[Sept 2018 - Sept 2022]

*Teaching Assistant / Research Assistant*

- Project manager for software development in the research group
- 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

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### 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*