WANG CHEN

PROFILE

Hi! I'm Wang CHEN , 3 years as Data Scientist , 6 years as Automotive Innovation engineer and also a full stack web developer. I specialise in connected services and manufacturing process optimization. I have multi country working experience, and speak 3 languages. I hope my experience in both engineering and data science could bridge the gap and create new value spaces.

EXPERIENCE

Faurecia Automotive Seating
DATA SCIENTIST
📍 **France**
Sep 2019 - Present

- FaurSound for shopfloor noise quality control (Saving = ~200k EUR/year/production line)
- Occupant monitoring for drowsiness detection, posture evaluation (cockpit of the future)
- Build web app for real time manufacturing production data analysis
- Deploy ML model in constrained manufacturing environment
- Production line data analysis, explore 10 years production line data to optimise process
- Welding process quality inspection, use 3D welding scan data to verify welding quality
- Actively follow state of art research/papers and continuously learning
- Promote data mindset and provide training for internal colleagues

`Python` `TypeScript` `Tensorflow` `PyTorch` `Scikit-learn` `SQL` `Azure`

Faurecia Automotive Seating
INNOVATION ENGINEER
📍 **France & China**
Jul 2013 - Spe 2019

- R&D engineer , Leading Simulation and Test activities
- Enjoy learning and quick adapt to new technologies
- Working at international environment, cooperate with worldwide colleagues and customers
- Cross function work with program, engineering, quality, plant , finance departments

`Innovation` `Mechanical` `Engineering` `Validation` `Simulation`

EDUCATION

Master of Computer Applications (M.C.A.), Software engineering

Jiangnan University

Jan 2014 - Dec 2018

Bachelor's degree, Mechanical Engineering

Jiangnan University

Jul 2009 - Jun 2013

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📍 Normandy,France

SKILLS

Programming: Python, JavaScript, TypeScript, SQL
Frameworks: Tensorflow, PyTorch, Scikit-learn, Next.js
Developer Tools: Linux, Git, Docker, Kubernetes, Azure devops

LANGUAGES

Chinese	Native
English	Full Professional Proficiency
French	Professional Proficiency

CERTIFICATIONS

Deep Learning specialization [Coursera]

Introduction to Self-Driving Cars [Coursera]

Big Data methods and solutions for data analysis [Orsys]

INTERESTS

Meditation   Travelling