

# Yukun LIU

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[Github](#)

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## EDUCATION BACKGROUND

### Télécom Paris

Sept. 2020-Present

M1: Signal processing with AI

M2: Specialisation in data science

Diplôme d'ingénieur

### Southern University of Science and Technology (SUSTech)

Sept. 2016-Jun. 2020

Department of Mechanical and Energy Engineering

Bachelor of Engineering

GPA: 3.70/4.0

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## EXPERIENCE

### Data scientist @ Hackyourcloset

Apr.2022- Jul.2022

Supervisor: Cyril Monnot

- Analyze the sale history of the company
- Implement a model for procurement prediction according to business model
- Create a webpage and cloud function for interaction

### Algorithm Freelance @ Lanlands.co

Oct. 2021-Jan. 2022

Supervisor: Ting Tan

- Extracted and pre-process ECG data from online database
- Fused data from different databases to be trained in one neural network
- Applied OCR techniques to extract information from diagnostic images

### Algorithm intern @ Bambu.co

Apr. 2021-Oct. 2021

Supervisor: Pierre Valentin

- Implemented an algorithm optimizing the way to invest on exchange-trade fund
- Developed an API in python based on the algorithm

### Classification Algorithm Development @ SUSTech & Tsinghua University

Jul. 2018-Sept. 2018

Advisor: Prof. Yiming Rong

- Classified various types of defection of rolled steel based on googleNet
- Developed an algorithm for simulation on MATLAB, keeping the defection recognition accuracy at 90%

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## AWARDS

- 2<sup>nd</sup> Prize Scholarship & Merit Student in 2019, SUSTech
- Formula Student Electrical China (FSEC) Recognition Award in 2018, China
- 3<sup>rd</sup> Prize Scholarship & Merit Student in 2018, SUSTech

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## SKILLS

### Technical Specialties:

- Solidworks/Matlab/Python/Javascript
- Pytorch/Keras/Tensorflow/SQL
- Web scraping/Signal processing/Reinforcement learning/Machine learning

### Natural Languages

- Mandarin (Mother tongue)
- English (IELTS 7.0)
- French (TEF Express B2)