



Zhijie Wei

Contacts

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Links

LinkedIn:
<https://www.linkedin.com/in/zhijie-wei-858895219/>

GitHub:
<https://github.com/ZJW-92>

Portfolio website:
<https://zhijiewei.netlify.app>

My Skills

| | |
|-----------------|------------------------|
| Python | <div><div></div></div> |
| Mongodb | <div><div></div></div> |
| Robot Framework | <div><div></div></div> |
| Selenium | <div><div></div></div> |
| Jenkins | <div><div></div></div> |
| Git | <div><div></div></div> |
| C/C++ | <div><div></div></div> |
| Docker | <div><div></div></div> |
| Linux | <div><div></div></div> |
| GraphQL | <div><div></div></div> |
| HyGraph | <div><div></div></div> |
| Node.js | <div><div></div></div> |
| Express.js | <div><div></div></div> |

Profile

I am a graduate in Software Engineering and Management at University of Gothenburg in 2022.

- I am careful, resistant to stress, self-motivated with a strong desire to learn new things and like to take my own initiative.
- I am active, like to cooperate in teamwork and open to new ideas and willing to listen to advice from colleagues.
- I have great passion for Information Technology, Data Science and AI and I aim to seek new challenges in the technology industry. My biggest advantages are my competence and positive attitude.

★ Personal projects

[Facial Emotion Detection](#), [Pose Estimation](#) and [Face Mask Detection](#)

(Jan, 2023-Feb, 2023)

Three machine learning projects of recognizing a person's emotional state, recognizing full-body gesture control, quantifying physical exercise and recognizing if a person is wearing a mask or not.

Tools: OpenCV, Keras, Tensorflow, Mediapipe, CaffeModel

[ChatGPT OpenAI application](#)

(Jan, 2023-Jan, 2023)

A language model chatbot developed by OpenAI based on GPT 3.5. Users can interact with bot, require chatbot to write, debug code and explain almost everything.

Tools: Node.js, OpenAIApi, CSS, Vite, JavaScript, Vercel.

[Optimal Recipe Blog](#)

(Dec, 2022-Jan, 2023)

A Content Management System (CMS) showcasing different kinds of Asian cuisine with full markdown recipes, author information and comments.

Tools: React.js, Next.js, GraphQL, Hygraph(GraphCMS), TailwindCSS, Vercel.

[Fullstack MERN project](#)

(Nov, 2022-Dec, 2022)

A fullstack MERN (**Mongodb, Express.js, React.js and Node.js**) application to post a memory, edit, delete and count likes.

★ Group projects

Virtual Self-driving Vehicle

(Apr, 2021-Jun, 2021)

A microservice that performs object detection for a virtual self-driving vehicle turning the steering wheel angle to avoid obstacles in front of it.

Tools: C++, Git, VMware Fusion, Ubuntu, Docker, OpenCV

| | |
|-------------------|------------------------|
| HTML & CSS | <div><div></div></div> |
| JavaScript | <div><div></div></div> |
| React.js | <div><div></div></div> |
| Next.js | <div><div></div></div> |
| Java | <div><div></div></div> |
| Netlify | <div><div></div></div> |
| Vercel | <div><div></div></div> |
| jupyter notebook | <div><div></div></div> |
| Material-UI | <div><div></div></div> |
| Bootstrap | <div><div></div></div> |
| TailwindCSS | <div><div></div></div> |
| styled-components | <div><div></div></div> |
| SPSS | <div><div></div></div> |
| Tableau | <div><div></div></div> |

Languages

| | |
|---------|------------------------|
| Chinese | <div><div></div></div> |
| English | <div><div></div></div> |
| Swedish | <div><div></div></div> |

NeuroDrive Smart Car

(Apr,2020-Jun,2020)

A software that allows end users to remotely control a smart car with the use of an EEG-headset and a mobile app. Moreover, the smart car can avoid obstacles in front and behind it by turning in the opposite direction.

Tools: C++, Git, Java, Travis CI, Arduino, SmartCar shield

Education

Bachelor of Science within major in Software Engineering and Management, University of Gothenburg, Sweden

Sep,2019- Jun,2022

- Experience in an Agile/Scrum development process
- Basic knowledge of user requirements and user experience
- Basic embedded and real-time system knowledge
- Basic knowledge of testing automation, software quality assurance and DevOps
- Experience of CI/CD tools: GitLab
- Basic database knowledge: MySQL, MongoDB
- Machine Learning and Deep Learning practice with jupyter notebook and python
- Basic applicable development languages: Java, JavaScript, Python.
- Basic web application frontend and framework (e.g. React, Vue) and backend framework (e.g. Django)
- Solid mathematics background: Calculus, Linear algebra etc

Hermods AB and Studium, Gothenburg, Sweden

Sep,2018- May,2020

- Svenska för invandrare D (SFI). Grade: B
- Svenska som andraspråk 1. Grade: E
- Svenska som andraspråk 2. Grade: C

Exchange student, Högskolan i Borås, Borås, Sweden

Sep,2015- Jun,2016

Courses: International management, supply chain management and basic Swedish I and II.

Master degree of Industrial Economics with specializing in SPSS statistical tool, Shanghai University of Science and Technology,China

Sep,2014- Jun,2017

Experience

Chinese to English translator at Shanghai Xinzhi Private Entry-Exit Service Co., Ltd.

Jun,2017- Jun,2018

- Organize customers' immigration documents, translate to English and proofread.