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Education

National Chengchi University - 2014/09~2016/06

Master degree of Department of management of information system ; GPA: 3.91

National University of Kaohsiung - 2010/09~2014/06

Bachelor degree of Department of information management ; GPA: 3.48

Experience

D8AI at Taipei, Front-end Engineer - 2017/12 ~ present

Sign Language Translation Matching Platform

- An app can support user who are hard of hearing get assistant of translation from sign language association.

- **Responsible and features**

1. WebRTC framework library integration - Janus client library plugins (sip/videoroom)
2. Implement video chat communication workflow integrated sip client.
3. SPA website design - implement by react-router

- **Tools:** react, redux, material-UI, redux-saga, react-router, react-native, sip, webrtc, speechSynthesis, speechRecognition, docker, mongoose

Artificial Intelligent Long Care Robot (Android App)

- A robot could do face recognition then response with different feedback.

- **Responsible and features**

1. Face Recognition - OpenCV library implementation
2. Music Media Player - Youtube SDK implementation
3. Applied Zenbo synthesis and speech to text features.

- **Tools :** react-native, OpenCV library, ASUS Zenbo SDK, speechRecognition, speechSynthesis

Data Analysis Platform

- A platform provide chat logs of end-user's interaction with chatbot and other system report.

- **Responsible and features**

1. Graphical report - use react-chartjs-2 to present statistic information.
2. Enhanced UI/UX - use material-UI to realize responsive web design.
3. Modularizing reusable components.

- **Tools :** react, redux, material-UI, redux-saga, react-router

Other published projects

- react-native-ios-volume (4 stars) <https://github.com/pohsiu/react-native-ios-volume>
- react-native-date-ranges (21 stars) <https://github.com/pohsiu/react-native-date-ranges>
- janus-helper (downloads 297/month) <https://github.com/pohsiu/janus-helper>