KAO, CHUAN-SHENG

wilkao036@gmail.com | 886-933164609

Taipei, Taiwan

EDUCATION

National Dong Hwa University   **Hualien, Taiwan**
Bachelor of Department of Physics   *Sep.2006 – Jun.2010*
- **Honors**: Academic Excellence Award(representing placement in top 5% academic performance)

Nation Chiao Tung University   **Hsinchu, Taiwan**
Master of Department of Photonics   *Sep.2010 – Sep.2012*

Institute of Information Industry – Digital Education Institute   **Taipei, Taiwan**
Java Web Application Training Program   *Mar.2017 – Aug.2017*
- **Relevant Coursework**: Java, JavaScript, SQL, UML Design, HTML,CSS
- **Highlights:** Cooperated with WebComm Technology for gym reservation

WORK EXPERIENCE

XREX Corp.   **Taipei, Taiwan**
Front End Engineer   *Apr.2020 – Present*
- Develop crypto currency exchange in web

Cathay United Bank – Department of System Development   **Taipei, Taiwan**
Software Engineer   *Sep.2017 – Apr.2020*
- Led the team to complete many project ,such as HR Promotion System and Funds Investment System.
- Participated in developments of banking systems.
- Use agile development methodology to achieve efficient results in projects.

Union Optronics Corp. – Research and Development Department   **Taipei, Taiwan**
Research and Development Engineer   *Mar.2014 – Mar.2017*
- Manufacture and improve the process of 635 nm diode Laser

SPECIAL PROJECTS

HR Promotion System – Cathay United Bank
Project leader / Developer
- Participated in developing major functions and user interface of the system, such as promote process and query performance of employee.
  Skills: Java, JavaScript, jQuery

Funds Fee-Splitting System /Funds Performance Assessment System – Cathay United Bank
Project leader / Developer
- Participated in developing major functions and user interface of the system, including calculate the funds of rate, bonus of sharing and query performance of funds.
- Redesigned the data structure of system to reduce the query time about 30% and user interface for department of investment.
- Used MS TFS to set CI/CD and deployed the web application
  Skills: Java, JavaScript, jQuery

Funds of investment System – Cathay United Bank
Developer
- Provided REST APIs for internal systems, including reserve service module and text sending module.
  Skills: Spring Boot

Account Platform of Digital System – Cathay United Bank
Developer
- Provided REST APIs for internal systems, including face check system and sale script module.
- Joined the Finance Transaction War Room for technical support of new demands and refactored legacy code
- Broadly applied to all 164 Taiwan branches after launch in December 2019.
  Skills: Spring Boot ,Angular Framework

Account Platform of Digital -Check System Cathay United Bank
Developer
- Provided REST APIs for internal system, including open account process, query and modify customer data.
- Introduce Angular framework to develop the user interface
  Skills: Spring Boot ,Angular Framework

Magneto Project- Convert and Deposit Crypto System XREX
Front end engineer
- Develop UI of the convert and deposit crypto system and refactored legacy code.
- Develop UI of data management system
  Skills: Angular Framework

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ADDITIONAL SKILLS

- **Languages**: Mandarin (native), English (conversational)
- **Computer Programming**:
    - **Front-End:** JavaScript, HTML, CSS, Angular 2+, RxJS, React Hooks
    - **Back-End:** Java, Spring Boot, SpringMVC, NodeJs, GraphQL ,Python
    - **Database:** Oracle DB, MySQL,MS SQLServer, Mongodb
    - **Other:** Git

CERTIFICATES

- **Computer Programming**: OCPJP, OCPWCD

PUBLICATIONS

- **Chuan-Sheng Kao,** Fang-Chung Chen, Ching-Wen Liao, Michael H. Huang, and Chain-Shu Hsu. 'Plasmonic-enhanced performance for polymer solar cells prepared with inverted structures' in Applied Physics Letters 101, 193902 (2012)

PORTFOLIO

- **CINEMA SHOWTIMES INQUIER: https://wilson036.github.io/movie-app/**
  Front End：React Hooks, Recoil, material UI， Styled-components
  Github Repo: https://github.com/Wilson036/movie-app
  Back End：nodejs， express , graphQL , typescript , redis , mongodb , python
  Github Repo: https://github.com/Wilson036/movie-api