

Yiwei (Eva) Feng

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PROFILE

An energetic, motivated and highly dynamic person with strong working skills and a broad range of hands-on and theoretical experience. Adept at providing technical support and developing new processes through ongoing work, defect resolution and enhancement solutions. Expert in completing demanding assignments within crucial timelines. Demonstrating excellent interpersonal skills. Strong learning ability.

SKILLS

- Programming: Python, HTML, CSS
- Data mining and processing capability
- Experience with Cloud Data platform AWS
- Deep understanding of statistical modelling, machine learning and deep learning concept
- Building ML or DL models using various frameworks
- Knowledge and experience of working with relational databases and data visualization (Power BI, Matplotlib)
- Strong analytical and quantitative problem-solving ability
- Excellent communication, relationship skills and a strong team player
- Strong ability to accept new things and learn new skills

CAREER SPECIFICS

Developer (AI): Chainport Lab, Auckland, New Zealand
November 2018 – Present

Chainport Lab mainly focuses on blockchain technology, providing technical platform and support for many services such as product traceability. I am an intern in the development team and my primary focus is to design and develop a smart Email system for this platform. This project is also my postgraduate research project and I also participate in other work of the company team as well.

Responsibility

- Designing and developing scalable software system architecture using machine learning and deep learning algorithms.
- Text mining and Data preprocessing.
- Researching and incorporating latest technology trends into software products
- Effectively coordinate with other colleagues.
- Improving data quality, mining the highest value, and providing the best solution

Achievement

- Deeply understand and apply Scikit-learn, Gensim, TensorFlow, PyTorch Framework for machine learning and deep learning models design and implementation. Implement intelligent Email reply function.
- Using the Flask frameworks to make restful APIs and to develop a Smart Email system demo for visualization(on going).

System Engineer: China Central Television (CCTV), Beijing, China
July 2009 – 2017

China Central Television (CCTV) is the predominant state television broadcaster in the People's Republic of China. CCTV has a network of 50 channels broadcasting different programmes and is accessible to more than one billion viewers. My position involves studio Video/Audio System design, live broadcast/recording program technical support. Participate in database management and network transmission.

Responsibility

- Communicate with the program production team to meet their technology needs.
- Assign work tasks to team members
- Organize regular meetings and technical training
- Research and introduce cutting-edge technology for the company.
- Design and build studio and live broadcast systems.
- Operate, set up and deploy all hardware devices.
- Participate in database management, network transmission and network system maintenance.

Achievement

- Certificate in Intermediate Engineer.
- Registered Qualification Certificate Constructor The People's Republic of China.
- Twice outstanding advanced worker awards.
- Outstanding work award.
- Participated in the design and renovation of three studios and introduced ultra-high definition technology and 6G network technology solutions.
- Successfully supported many large-scale live broadcasts and recorded programs
- Systems engineering and construction knowledge.
- Team management experience.
- Project cooperation and relationship building.

EDUCATION

- Master of Computer and Information Science (2018.2 - 2019.8) Auckland University of Technology
- Master of Science in Electronics and Communication Engineering (2013.5 - 2015.12)
Communication University of China
- Bachelor of Science in Electronics and Communication Engineering (2005.9 - 2009.6)
Communication University of China

PROBLEM SOLVING & RESPONSIBILITY

- Effectively sorted out each issue and coordinated/organized to get the solutions into work effectively.
- Able to identify cost-effective technical solutions that meet business needs.
- Excellent analytical and data manipulation skills.
- Manage technical process and resolve technical issues.
- Prepared and implemented strategies streamlining existing work-flows in order to increase efficiency.
- Creating effective, informed and highly motivated teams focused on delivery.
- Understanding of project management methodologies.
- Experience of working with sponsors, stakeholders, and solution providers.