KUAN-HUNG LIN

My Github : https://github.com/kuanhunglingary

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Education

🎓 M.S. in Data Analytics Engineering   George Mason University 2015/1~2017/5

🎓 B.S. in Mathematics and Technology Education National Taipei University of Education 2007/9~2011/6

Career

💻 Big Data Processing Engineer in Groundhog 2023/2~2023/5

- develop and maintain user-facing applications using QT and django REST framework.
- Ability to use configuration management tools and revision control system, such as Git.
- Experience with CI/CD & Automation systems, such as Jenkins and Gitlab.
- Understand Linux OS basic operations, such as Ubuntu and Raspberry Pi OS.
- Experience with Nginx and Apache.
- Build and maintain scalable and reliable backend systems to support application functionality.
- Extract data from websites using web scraping techniques.
- Integrate with GCP and AWS services to provide additional functionality to applications.
- Collaborate with frontend engineers and UI/UX designers to ensure the successful development and delivery of applications.

💻 Big Data Processing Engineer in Groundhog 2023/2~2023/5

- Ability to use configuration management tools and revision control system, such as Git.
- Experience with CI/CD & Automation systems, such as Jenkins and Gitlab.
- Understand Linux OS basic operations, such as Ubuntu and Rocky Linux.
- Solve the metadata causing the performance, expansion, and the maintenance issues.
- Experience coding with Erlang.
- Experience with Munin/Nagios/Grafana.
- Prepare Install Package for local testing and final release.
- Develop big data system and data processing platform.
- Develop streaming data and parallel processing program, familiar with distributed computing and parallel computing.

💻 Data Analysis Specialist in HOTAI DEVELOPMENT CO., LTD **2022/6~2023/02**

- Use python to read, write, and aggregate EXCEL files, and then use EXCEL to analyze the processing data.
- Use python to do web crawler collecting data from websites.

💻 Academic Affair and Math teacher in Taipei learning institute   2017/6~2022/5

- Teach 5-12 grade student
- Communicate with teachers, parents, and students.
- Handover administration work

💻 Academic Affair and Math teacher in Taipei learning institute   2012/6~2015/1

- Teach 5-12 grade student
- Communicate with teachers, parents, and students.
- Handover administration work

💻 Math teacher in Taipei learning institute   2007/7~2011/7
- Teach 5-12 grade student
- Communicate with teachers, parents, and students.
- Handover administration work

📜 Biology

When I was a student in National Taipei University of Education, I worked at a startup learning institute to teach 5-12 grade students and handover administration as a junior manager after school. Following Microsoft Office skills from university courses, I could teach coworkers who were studying universities to finish all of the administration work, such as ERP, live streaming courses, recording courses system, copier usage, Microsoft office, social media, blogger, and paper workflows.

During mandatory military service, I try my best to communicate with diverse people, ask advice to learn interpersonal relationships, and face different challenges.

Being a math teacher for three years, I keep learning math education, preparing handouts, and learning math material from the internet to enhance my teaching depth and breadth.

In master degree, school provides a learning website to learn MySQL, SQLite, Python, R, and Excel. In the courses, I use R language to preprocess the dataset, visualize the processing data, present the information via Tableau and Power BI. The following blogger is part of projects from the courses.

https://kuanhunglindatascience.blogspot.com/search/label/Data%20Preprocessing

After coming back to Taiwan, I work at my family's learning institute. Continue improving work efficiency and teaching skills. In the learning institute period, I taught more than 20 working partners administration works.

Under covid 19 pressure, I began to look up a data analytics career. Working as a data analysis specialist in Daikin. I use python to read, write, aggregate excel files, and then use excel to analyze the processing data. I propose to the supervisor to use a web crawler to finish the tasks.

In February 2023, I seek a more difficult job. I worked as a big data processing engineer at Groundhog. Using the Linux operating system, I have to use configuration management tools and revision control systems, such as Git. Experience with CI/CD & Automation systems, such as Jenkins and Gitlab. Understand Linux OS basic operations, such as Ubuntu and Rocky Linux. Solve the metadata causing the performance, expansion, and the maintenance issues. Experience coding with Erlang. Experience with Munin/Nagios/Grafana. Prepare Install Package for local testing and final release. Develop a big data system and data processing platform. Develop streaming data and parallel processing programs, familiar with distributed computing and parallel computing.
The following blogger is part of projects from my career.
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My current job is python Engineer: develop and maintain user-facing applications using QT and django REST framework. Ability to use configuration management tools and revision control system, such as Git. Experience with CI/CD & Automation systems, such as Jenkins and Gitlab. Understand Linux OS basic operations, such as Ubuntu and Raspberry Pi OS. Experience with Nginx and Apache. Build and maintain scalable and reliable backend systems to support application functionality. Extract data from websites using web scraping techniques. Integrate with GCP and AWS services to provide additional functionality to applications. Collaborate with frontend engineers and UI/UX designers to ensure the successful development and delivery of applications.
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