Fang, Chih-Jung
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Education

09/18 – 06/22	**National Cheng Kung University - Bachelor of Science in Computer Science and Information Engineering, GPA: 3.73/4.3** **Relevant Courses:** Calculus, Introduction to Computers, Engineering Mathematics,Introduction to Digital System, Engineering Mathematics, Linear Algebra, Program Design, Introduction to Circuit Theory and Digital Electronics, Discrete Mathematics, Data Structure, Window Programming, Probability and Statistics, Theory of Computation, Computer Organization, Algorithms, Data Analytics, Smart Business, Introduction to Medical Informatics and Image System, Operating Systems, Computer Project Design, Development of Intelligent Medical Information System, Compiler Construction, Special Topic In IOT and Smart Learning

Experience

07/2022 to date — **Clouder Technology Inc. – Product Manager**
- Collect and analyze data of medical institutions needs for Hospital Medical & Education System development and testing
- Develop E-Portfolio system and participate in system optimization and interface design

06/21 – 06/22 — **National Cheng Kung University - Research Assistant**
- Developed recommendation system of financial instruments for internal use in banks, took charge of coding

02 – 06/2022 — **National Cheng Kung University - Teaching Assistant for Smart Sensing and Mobile Computing**
- Assisted course leader with administration
- Helping teachers create lesson plans and check the students' work

02 – 04/2022 — **BigGo - Intern Python Engineer**
- Searched worldwide e-commerce commodities data with Python web crawlers
- Assisted in establishing commodities data in internal system and publishing data on website for users

Projects

07/21 – 01/22 — **National Cheng Kung University – AI Skin Testing**
- Established front-end system with Django and Linebot, and deployed on GCP
- Trained models for tests on three types of skin: dry, oily and sensitive skin
- Trained model to examine whether skin is healthy or not and detect tenpossible nail diseases
- Trained model to detect acne and categorize its seriousness.

03 – 06/2021 — **National Cheng Kung University - Sale_Smart E-commerce (untested)**
- Analyzed areas that could be undertaken using AI for chain e-commerce providers
- Analyzed historical data (internal and external influence factors and comments on social media platforms) that may have affected past sales, then excerpted Kaggle's Walmart datasets to apply to modules we designed, predicting that if we conducted data preprocessing for existing data in Taiwan and applied them to modules, we could discover important factors that influence sales
- Planned to adjust and improve modules and then apply them to historical data to show excellent comparison before and after adjustment

Honor & Volunteering

09/2020 to date — **National Cheng Kung University - International Student Volunteer Club, Member**
- Develop projects and exchange activities for international students on a regular basis
- Language exchange with international students two days a week

09/2020 to date — **National Cheng Kung University Kaohsiung Students' Association, Events Manager**
- Organize academic exchange activities.
- Organize large events on or off-campus

07/2020 to date — **Empire Aqua - Volunteer**
- Beach cleanup activities.

09/21 – 01/22 — **YongLin Education Foundation - Volunteer**
- Tutored students in remote areas in mathematics and English.

Skills

Programming: C, C++, C#, Python, SQL, HTML, CSS, JavaScript, Java, Matlab, LaTex, Lex & Yacc, Dart
Tools: Python: Pytorch, Tensorflow, Keras, Flask, Django, OpenCV; **C++:** STL, OpenMP, CUDA, **Dart:** Flutter
Infrastructure: Docker, Docker-Compose, GCP, AWS, Heroku, GitLab CI/CD, Git
Language: Mandarin Chinese (native), English (advanced)