CHIA-YU, CHU

NTUNHS-MASTER OF INFORMATION MANAGEMENT

CONTACT

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EDUCATION

Bachelor

National Taipei University of Nursing and Health Sciences

Department of Information Management

SKILLS

- Python
- MS-SQL
- HTML/CSS/Javascript
- SPSS/SAS/R
- Android Studio

ABOUT ME

I am National Taipei University of Nursing and Health Sciences with a Master's degree in Information Management . I have a calm and meticulous personality, with a passion for learning new things.

EXPERIENCE

During my spare time at National Taipei University of Nursing and Health Sciences, I have accomplished the following projects:

1.Created "*My Personal Website*": I developed my own personal website, showcasing my skills, achievements, and projects.

2.During the summer of my third year in college, I participated in the *Summer Internship Program in Health Care Management organized by the National Taipei University of Nursing and Health Sciences*.

3.In collaboration on the university project "Establishment of a Personal Health Data Management Platform in Compliance with FHIR Format using Blockchain Encryption Mechanism," I worked with my peers to develop an application that not only protects personal health data and enables individuals to manage their health, but also complies with the international standard FHIR format for seamless data interoperability in the future.

LANGUAGE

English

TOEIC
Score:695

CERTIFICATE

Medical Information Manager

TQC E-commerce Overview - Professional Level

Level B Digital Electronics Technician

I graduated from the **National Taipei University of Nursing and Health Sciences with a degree in Information Management and I am currently pursuing a Master's degree in Information Management at the same university.** I am a calm, meticulous, and cautious student who is passionate about learning new things.

In my academic background, I have been exposed to various fields, including:
Programming: Python, C++, and Java.
Web design: HTML, CSS, and Javascript.
Data analysis: SPSS, SAS, and R.
Management and business courses: Introduction to Management and Business, Statistics, Accounting.
Healthcare informatics: Fast Healthcare Interoperability Resources (FHIR), Digital Imaging and Communications in Medicine (DICOM), healthcare management, healthcare information management.

During my university years, I actively participated in the development of several project works, including designing and developing the front-end and back-end of personal websites and predictive models for deep learning of lung images. However, my proudest achievement was the implementation of my university project titled "*Establishment of a Personal Health Data Management Platform in Compliance with FHIR Format using Blockchain Encryption Mechanism.*" In this project, *I was responsible for database development, application programming, and user interface design.* I utilized tools like Android Studio for page design and flow control, and programming languages such as Kotlin and Java.

Furthermore, during the summer of 2021, I had the opportunity to participate in the Health Care Management Internship Program organized by the National Taipei University of Nursing and Health Sciences. This internship experience brought me valuable insights. I gained in-depth knowledge of healthcare information standards such as DICOM and FHIR, and further explored healthcare-related issues. Additionally, I learned to implement applications that address healthcare problems using programming languages, such as sentiment analysis in natural language processing and multiple linear regression analysis for Covid-19.

I firmly believe that information technology and healthcare are two fields filled with unlimited potential and innovation. I am passionate about their integration and aspire to apply my knowledge and skills to real-life situations, making meaningful contributions to society.

Regarding the "Ph.D. Program in Telecommunications Engineering - Data Science and Intelligent Networks," I believe that my programming and data analysis skills can provide valuable contributions to research and development in this field. *I look forward to delving deeper into relevant topics in data science and intelligent networks and utilizing my knowledge and technical expertise to solve practical problems.*

Lastly, I hope to continue learning and growing during my Ph.D. research, embracing various challenges and opportunities. I believe that the Ph.D. program will provide me with a creative and development-oriented environment.