

PAUL CHEN

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PROFILE

Data enthusiast with proven leadership qualities, work ethic, strong communication, persistence, and analytical skills

- **Technical Skills:** SQL, Excel VBA, Tableau, R, Python, Business Analytics, Operation Management, Data Visualization, Project Management, Computation Complexity, Data Mining, HTML, Deep Learning, NLP
- **Power Skills:** Leadership, Active listener, Change Management, Agile, Quick Learner, Empathy, Presentation
- **Language:** Mandarin Chinese (Native), English (Professional), Taiwanese (Native), German (Beginner)

CERTIFICATIONS

- Data Camp Data Analyst with SQL Server Track
- Data Camp Data Analyst with Python Track
- Data Camp Data Scientist with R Track
- Google Data Analytics Certificate
- Google Digital Marketing Certificate
- LinkedIn Visual Basic for Applications (VBA) Badge

PROJECTS AND AWARDS

3rd place in 2021 KGSA Case Competition **West Lafayette, IN**
Analyst **Nov 2021**

- Designed new subscription business models and marketing strategies for business transformation

3rd place in 2021 STAMINA IT/Analytics Case Competition **West Lafayette, IN**
Team Leader **Sep 2021**

- Provided 3 piloting locations recommendations for a drone delivery start-up
- Performed risk analysis and developed 2 other innovative revenue streams

Heart Disease Classification Project **West Lafayette, IN**
Team Leader **Aug 2021**

- Constructed models and created a website via **Rshiny** that allows user to input 14 body factors and predict the potential heart failure level

Coursera Project **West Lafayette, IN**
Team Leader **July 2021**

- Cleaned, integrated, manipulated, and visualized Coursera datasets to find critical elements and offer business recommendations to enhance course enrolment using statistics models like **ANOVA**, **OLS**, and **regression**

Special Topic Group Study **Tainan, Taiwan**
Team Leader **Feb 2019 –Feb 2020**

- Led a group of five people to construct 3 models with **Python** and utilized **Gurobi** to find optimized solutions for a complex real-life **assembly line** problem within one year

PROFESSIONAL EXPERIENCE

Purdue University Krannert School of Management **West Lafayette, IN**
Teacher Assistant **Sep 2021 –Present**

- Assisted professors with lesson planning, holding 2 office hours per week, and grading assignments in Management Information System and Python Programming courses

Shoetown Group **Qingyuan, China**
Intern **Jul 2019 – Aug 2019**

- Reduced workers' daily input time from 6 hours to 1 minute by using **Excel VBA**
- Built an **OEE** system to help the company capture their machine performance
- Trained 6 employees to maintain the OEE system

EDUCATION

Purdue University, Krannert School of Management **West Lafayette, IN**
Master of Science in Business Analytics and Information Management **May 2022**

National Cheng Kung University **Tainan, Taiwan**
Bachelor of Management Science, Industrial and Information Management **Jun 2020**