

Tze Yeen (Nicole) Liew-Jagtmann

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A passionate Junior Data Analyst with a background in FinTech and graduate research. After completing an intensive bootcamp at Ironhack, I now bring skills in **Python, SQL, Tableau, Streamlit** and more to the table. Currently seeking opportunities to apply my skill and to collaborate on data-driven projects. Also, a homemaker looking to rejoining the labor force.

Education

- **Ironhack | Data Analytics Bootcamp** Graduated: [08/2023]
 - Completed a rigorous and immersive 6-month bootcamp with a focus on data analysis and machine learning.
 - Worked on various hands-on projects that involved data cleaning, preprocessing, exploratory data analysis, and predictive modeling.
 - Developed expertise in utilizing a wide range of data-related tools and technologies, including **Python, SQL** for database management, **Tableau** for data visualization, and **Streamlit** for building interactive web applications.
 - Gained practical experience by collaborating with classmates on different projects, applying various machine learning algorithms, and addressing real-world data challenges.
- **Marie Skłodowska-Curie PhD Fellow in Strategic Management | Radboud University Nijmegen** [Mar 2019] - [Sep 2020]
 - Marie Curie Fellow, Horizon 2020 FINDER project focusing on FinTech startups.
 - Specialized in qualitative research methods, research project design, SPSS for social sciences, and case study research methods.
- **University of Oxford | Master of Science: International Development, Migration Studies** Graduated: [08/2015]
 - Recipient of ODID/Queen Elizabeth House Departmental Award (Full Scholarship)
- **University of Nottingham, Malaysia Campus | Bachelor of Arts: Finance, Accounting and Management** Graduated: [01/2014]
 - ICAEW book prize in Strategic Management Accounting

Data Analytics Projects

Legendary Pokemon Classifier

- Independently developed a machine learning model to predict legendary Pokemon.
- Utilized Python, EDA, Isolation Forest, Hypothesis Testing, and classification algorithms to achieve accurate predictions.
- Delivered Python and SQL documentation, a Tableau dashboard, a Streamlit app and presentation.

House Price Prediction

- Collaboratively developed a model to predict house prices using Python.
- Explored property characteristics and utilized RandomForestRegressor and StackingRegressor models.
- Contributed to SQL, Tableau, and project documentation.

FIFA 2021 Player Performance Prediction

- Collaborated on a linear regression project to predict overall player performance in FIFA 2021.
- Analyzed player attributes and built predictive models using Python.

Work Experience

Volunteer Chef | Stichting Thuisgekookt, Gouda | [09/2023] - Current

- Prepared and delivered customized, nutritious meals on a weekly basis to individuals facing challenges in cooking due to health-related issues such as age, sickness, and disability.
- Utilized volunteer experience to enhance Dutch language proficiency, actively engaging in conversations to improve communication skills.

Career Break & Sabbatical | [09/2020] - [01/2023]

- Invested time in health (surgeries to restore vision), self-care, skill enhancement, and career reevaluation by completing language courses and Ironhack's bootcamp.

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Research Analyst (Internship) | Holland FinTech, Amsterdam | [11/2017] - [08/2018]

- Curated content for the company's website, publications, and newsletters.

Freelance Research Analyst/Reviewer | AskWonder (Balderdash Inc.), New York | [07/2017] - [03/2019]

- Conducted market research for SMEs and consulting firms.
- Produced client decks, spreadsheets, and presentations under tight deadlines.
- Provided insightful feedback on research assignments from other research analysts.

Skills

- Data Analysis: Proficient in Python, SQL, and data manipulation.
- Data Visualization: Skilled in creating visualizations using Tableau and Streamlit. Other skills include: **web scraping and implementing APIs**.
- Qualitative Research: Proficient in conducting insightful interviews and literature reviews.
- Languages: Fluent in English, Malay, and Cantonese. Proficient in Dutch (B2 level).

Other

- Federated Fraud Management: During my PhD secondment at ATOS in Frankfurt, I made significant contributions to an article focusing on "Federated Fraud Prevention" for the ATOS Journey 2024 report. The article delves into the complexities of fraud prevention, highlighting the significance of a federated approach, the influence of AI, and global considerations.