Feichen Yu

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EDUCATION

George Washington University — Washington, DC
Master of Science, Information System Technology, AI & Cloud Applications and Information Technology Certificate — May 2025
Relevant Coursework: Information Systems Security, Information System Development and Applications, Web Application Development, Cloud Applications, Relational Databases, Web and Social Analytics, AI Foundations, IoT Management, Mobile Application Development

George Washington University — Washington, DC
Bachelor of Science, International Business and Finance — August 2023
Relevant Coursework: Intermediate Accounting, Introduction to Econometrics, Global Financial Environment, International Marketing Management, Applied Finance Securities Analysis, Advanced Financial Management

EXPERIENCE

INFINEON SEMICONDUCTORS (WUXI) CO., LTD — Jiangsu, China
Industrial Engineer Intern — June 2024 - August 2024
- Assisted the Data Scientists in developing deep learning models for automating X-ray image inspection, improving accuracy and efficiency, and reducing manual labor.
- Analyzed real-time machine data and developed virtual controlling models to replace manual destructive shear testing, enhancing process efficiency and predictive maintenance.
- Joined and deployed an AOI system using machine learning to automate post-wire bonding inspection, improving quality control, and reducing manual inspections.

WINKKY — Nanjing, China
Founder & Director — March 2020 – Dec 2023
- Oversaw allocation and monitoring of financial resources, including capital budgeting and cash flow management, to ensure the seamless functioning of the platform's operations.
- Partnered with three investors for initial investment and built relationships with 12 strategic partners, leading to business development opportunities.
- Signed contracts with 39 educational service organizations within two years to satisfy more diversified market demand.
- Created lectures for the platform, which increased student and parent engagement and transferred knowledge about studying abroad.

CSC FINANCIAL CO., LTD — Beijing, China
Financial Summer Analyst — June 2022 - September 2022
- Compiled a comprehensive report by working closely with an eight-person team, leveraging collective expertise and insights to produce a thorough and well-researched due intelligence report for investors or institutions to comprehend the actual situation of the target company.
- Researched and summarized local and national real estate policies in the past ten years in six major cities in China to summarize how policies in different cities could impact housing prices.

PROJECTS & EXTRACURRICULARS

U.S. GOVERNMENT ACCOUNTABILITY OFFICE — Washington, DC
An Analysis of Single-Family Rental (SFR) Housing in the United States — January 2022 - June 2022
- Researched institutional investment in the single-family housing rental market to understand the changes since the COVID-19 pandemic.
- Leveraged Excel to manipulate and visualize the data to identify the trends in the rise of mortgages and fall in fixed-rate mortgages facilitated a competitive market in suburban areas for institutions and individual buyers during the COVID-19 period.
- Conducted a literature review for academic articles on the single-family housing market as it suggests significant shifts in investment behavior, increased demand for suburban housing, and the adoption of digital practices in the real estate industry due to the pandemic.

GEORGE WASHINGTON UNIVERSITY — Washington, DC
Graduate Instructional Assistant — August 2024 - Present
- Supported students in understanding critical web and social media analytics concepts, providing one-on-one support and additional clarification on course materials and assignments through various channels like email and discussion boards.
- Collaborated with professors to design and organize course materials, including assignments, projects, and presentations.
- Formulated assignment rubrics for grading 82 assignments and provided constructive feedback to support students' academic growth and comprehension of analytics techniques.
- Guided course projects, helping students apply theoretical knowledge to real-world data analysis using various tools such as R Studio and Python.

ADDITIONAL INFORMATION

Technical Skills: Python, Java, AWS, SQL, Tableau, Android Studio, GitHub, Kotlin

Languages: English (Fluent), Mandarin (Native)