VIVIAN CHANG

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https://vivanc.github.io/

Passionate Software Engineer pivoted from accounting and consulting. Specialized in the Semiconductors industry, experienced in supply chain projects. Loves automating workflows and developing programs that improve operational efficiency.

Education	**UNIVERSITY OF SAN FRANCISCO**	San Francisco, CA
	MSIS, Focus: Software Engineer	December 2023

- IT Infrastructure, Analysis Modeling Design, Data Architecture, Information Architecture, IS Analysis
- "*GDPR Data Architecture for Rivian's Global EU Market Expansion*"
- *"Book Reading System Development Plan from gathering Use Cases to producing a Mock-up Display"*

UNIVERSITY OF THE PEOPLE – Computer Science

- Java, Data Structure, Web, Computer Systems, Database, Operating Systems <not taken yet – Fall 2023>

UNIVERSITY OF WASHINGTON	Seattle, WA
B.A. – Business (Finance, Accounting, CPA licensed)	April 2013

Experience	**NXP SEMICONDUCTORS**	**Taipei, Taiwan**
2019 - 2022	*Data & Business Analyst – SQL, Python, Tableau, Power BI, Big Data, Reporting, Forecasting*	

- 1 of 4 data and business analysts within global sales & marketing team of 15 (located across Austin, Taiwan, France, Singapore, Tianjin) continually analyzing, forecasting and coding scripts for optimizing revenue growth
- Wrote SQL automation program that allowed big data pulls of sales reports to provide crucial sales information
- Led a $6.8b supply chain rescue project as an engagement lead to guide global teams (across US, Netherlands, France, China, Taiwan, Singapore) on collecting top 20% customers' yearly demand forecasts and facilitating product delivery from ordering through shipment.
- Prepared and led weekly global forecast call to identify what was happening in the state of the market, the reasons for order pull backs and avoid surprises on forecasted numbers
- Designed and built an end-to-end margin analysis report from conceptual through completion, utilizing SQL and saving the company $1.9m of revenue leakage from the distributors
- Held information sessions to identify project bottlenecks and identified resources to push project execution
- Trained a global supply chain team with +300 trainees on the execution of new supply workflows

2018 - 2019	**OBOOK**	**Taipei, Taiwan**
	SAP Cloud Implementation, Cross-Functional Collaboration – Engineering, Finance Management	

- Facilitated IPO preparation on building internal control systems, defining process inefficiencies, streamlining workflows and implementing SAP Cloud
- Programmed consolidated financial reports (Cayman, Japan, Taiwan, US) utilizing Excel, and managed 50+ vendor accounts for the rebates and payment cycle

2014 – 2018	**PRICEWATERHOUSECOOPERS**	**Taipei, Taiwan**
	Senior Consultant	

- Client Industries: HSBC, BoA, Merrill Lynch, Uni-President(F&B), Delta Electronics(Thailand)
- Developed a full stack of DJSI (Dow Jones Sustainability Indices) training material to get our clients started in filling in the survey and winning the awards
- Curated industry-standard corporate social responsibility reports and helped clients stay on top of the sustainability game
- Led a team of 6 in delivering audit service to a first year engaged client, conducted thorough internal control interviews to kick start the audit and resolved complex tax issues through communicating with regulators

Additional

- **Professional Association Memberships:** Toastmasters club president 2021-2022
- **Certifications/Licenses:** AICPA
- **Language:** Fluent Mandarin
- **Skills**: Java, Python, SQL, HTML/CSS, Git, CI/CD, SDLC, PowerBI, Tableau
- **Interests/Hobbies:** Fermentation, Coffee, Workout, Storytelling