

# VIVIAN CHANG

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Passionate Software Engineer pivoted from being a data analyst in a tier 1 semiconductors company. Loves mingling with data, automating workflows, and developing programs that improve operational efficiency.

<b>Education</b>	<b>UNIVERSITY OF SAN FRANCISCO</b> <b>MSIS, Focus: Software Engineer</b> • Courses: IT Infrastructure, Analysis Modeling Design, Data Architecture, Information Architecture, IS Analysis • Project: “GDPR Data Architecture for Rivian’s Global EU Market Expansion” • Project: “Book Reading System Development Plan from gathering Use Cases to producing a Mock-up Display”  <b>UNIVERSITY OF THE PEOPLE – Computer Science</b> • Courses: JAVA, Data Structures, Web, Operating Systems, Databases <not taken yet – Fall 2023>  <b>UNIVERSITY OF WASHINGTON</b> <b>B.A. – Business</b> (Finance, Accounting, CPA licensed)	San Francisco, CA December 2023
<b>Experience</b> 2019 - 2022	<b>NXP SEMICONDUCTORS</b> <b>Data &amp; Business Analyst – SQL, Python, Tableau, Power BI, Big Data, Reporting, Forecasting</b> • 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 utilizing Python and Advanced Excel tools 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 calls to identify what was happening in the state of the market, the reasons for order pullbacks 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 partnered 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	Taipei, Taiwan
	<b>OBOOK</b> <b>SAP Cloud Implementation, Cross-Functional Collaboration – Engineering, Finance Management</b> • Facilitated IPO preparation on building internal control systems, defining process inefficiencies, streamlining workflow, and implementing SAP Cloud through collaboration with engineers, sales, product teams, and external consultants • Programmed consolidated financial reports (Cayman, Japan, Taiwan, US) utilizing Excel, and managed 50+ vendor accounts for the rebates and payment cycle	Taipei, Taiwan
	<b>PRICEWATERHOUSECOOPERS</b> <b>Senior Consultant</b> • 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 answering 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	Taipei, Taiwan

## Additional

- **Professional Association Memberships:** Toastmasters club president 2021-2022
- **Certifications/Licenses:** AICPA
- **Language:** Fluent Mandarin
- **Skills:** Java, Python, SQL, HTML/CSS, JavaScript, Git, PowerBI, Tableau, SDLC, Excel Tools (PowerQuery, PowerPivot)
- **Interests/Hobbies:** Fermentation, Coffee, Fitness, Learning, Storytelling, Appreciating Sunsets