

# Jiajun Liu

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## EDUCATION

**Georgia Institute of Technology**, College of Computing  
*Master of Science in Computer Science*

**Aug 2023 – Dec 2025 (Expected)**

**University of Florida**, Warrington College of Business  
*Bachelor of Arts in Business Administration*

**May 2021**  
Gainesville, FL

## TECHNICAL SKILL:

**Skills:** JAVA, C++, Python, SQL/SOQL/SAQL, DAX, Data Analysis and Visualization, Salesforce, Data Auditing and quality management, Strong analytical and problem-solving, effective communication, and presentation skills.

**Business Intelligence Tools:** Excel, CRM Analytics(Tableau CRM), Jupyter Notebook, JIRA, Visual Studio Code, GitHub, Virtual Machine, Ubuntu Linux, Power BI, Anaconda

## WORK EXPERIENCE

**Macquarie Capital**

**May 2021-Present**

**Senior Associate – Data Analyst**

Jacksonville, FL

- Gathered requirements from senior stakeholders for dashboards and reports, ensuring a deep understanding of business needs.
- Integrated internal and external data sources to AWS Starburst and Impala Cloud storage. Crafted and optimized complex SQL scripts to facilitate data extraction, manipulation, and reporting from multiple database sources.
- Collaborated with cross functional teams to translate requirements into impactful visualizations and reports using CRM Analytics and Power BI. Designed and developed reports or dashboards focusing on Director KPI, Financial analysis, Client 360, CRM management.
- Employed Python libraries, including NumPy, Pandas, for data preprocessing, modeling, and validation tasks. Additionally, refined and deployed the Power BI API to refresh dashboards exclusively upon data updates.
- Built security predicates for Salesforce CRM Analytics, ensuring that highly sensitive data is exclusively visible to the pertinent stakeholders.

**Associate - Data Operation Analyst**

- Responded promptly to ad hoc data requests from various departments, and quickly gathered and analyzed data to identify trends and patterns.
- Utilized SQL queries and Workbench to extract data from Salesforce, ensuring accurate and efficient data retrieval.
- Conducted regular data audits within Salesforce to identify and correct errors or inconsistencies, ensuring data accuracy and completeness.
- Managed record operations, including bulk updates, deletion, and creation, while ensuring compliance with backend data structure and tech requirements.
- Worked closely with Salesforce developers to analyze the potential impact of updates or changes to the system and determined the necessary data updates to support these changes.

**Warrington school of Business, Business Career service**

**Aug 2020 – Dec 2020**

*Data Intern*

Gainesville, FL

Worked with career success team updating and maintaining student database. Participated in the diversity project to help identify underserved minorities. Analyzed and presented survey data using excel /Tableau / Python and made recommendation based on the analyzed report.

- Analyzed over 40k candidate information, identified the correlation between Major, engagement, student outcome, locations, and salary. Created data Visualized analysis result using Tableau and Jupyter Notebook, displayed student demographics, interest function, outcome salaries, locations, etc.
- Transform student information gathering from manual to automation. Created a web scraping program using Python's beautiful soup, NumPy, pandas, and google libraries. Have program automatically search, sort, picked, and stored information into excel.