**Yichun Liu**

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**EDUCATION**

**New York University SPS New York, NY**

**Master of Science in Management and Systems (STEM) GPA: 3.77 Graduation by May 2020**

* **Relevant Coursework**: Business Analysis and Visualization, Advanced Database Application Technology, Information Technology & Data Analytics, Database Design & Management, Data Mining and Data Warehousing, Project Management, Database Technologies for Web Applications

**New York Institute of Technology (SOB) New York, NY**

**Bachelor of Science in Business Administration, Finance Concentration; GPA:3.51 Sep 2015--May 2017**

**TECHNICAL SKILLS businese skill/ language skill**

**Languages:** Python, Java, SQL, PLSQL

**Databases:** PostgreSQL, Oracle, MySQL.

**Technologies:** Tableau, Flask, JavaScript, HTML, CSS, MS Office. Boostrap

**PROFESSIONAL EXPERIENCE**

**NYU Data Services New York, NY**

**Student Visualization Consultant July 2019—Present**

* Giving introductory and intermediate lectures/workshops on how to navigate and use Tableau.
* conduct monthly l/w to teach on tableau and other language umde/ grad/ falcurt.
* Winner of Data Visualization Competition at the NYU 2019 Research Day Event.

**Fortino Global Education New York, NY**

**Data Analyst April 2019—Recently**

**Redesinning and improving ciricular**

**Create excel algorithm to compare using sd student improving the passing benchmark stiduent knowledge deficiency benchmark**

* Conducting researches about exams preparation techniques and algorithms that can enhance study performances.
* Selecting questions from the mock exam of Certified Analytics Professional test and append in the practice exam.
* Facilitating the relevant documentation preparations.
* Using Excel, python to conduct general analysis and create a model to determine student knowledge deficiency.

**ACADEMIC PROJECTS**

**NYU Student Social**

**Blog administrator object-orientated programing / password are all hashed /**aintaining client database for social media, website, and marketing/ advertising to clients.**/ to optimize content management/ SEO search optimization/ archetecure/ design/**

**Jan 2020—Recent**

* Designed and developed a social blogpost website for NYU students to maintain innovative and engaging and informative sights share information, thoughts, school activities etc.
* Created SAU using python Flask to create a full-stack web application based on search criteria
* Built using python Flask, to create a full-stack web application integrated with backend and frontend to retrieve user information and posts based on search criteria.
* Built features such as authentication, read/write blogs, reset email account and password, pagination

**Kickstarter Database Design Feb 2019—May 2019**

* Created the Entity Relation Diagram (ERD) and the relational database in Oracle environment automation
* Loaded data from Kickstarter file via SQL loader; created tables, attributes and views, populated data
* Queried data using SQL statement, analyzed and extracted information embedded in the data
* Wrote reports, summary, and analysis, created visualization through Tableau to share findings and patterns

**Bike-sharing Demand Prediction Feb 2019—May 2019**

* Unstacked analytical information from the “datetime” colmun into “month”, “day”, “hour” separately by python
* Used the Matplotlib and Seaborn libraries to create visualizations
* Used Sklearn to build up three predictive models: Random Forest, Extra Trees, Gradient Boosting Regression