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Summary of Qualification

Self-motivated, creative and resourceful bilingual (English/Chinese) data analyst with geospatial analysis skills and knowledge in various tools to gather, transform, analyze, interpret, present and visualize data for a company to grow, expand, formulate and strategize company's mission and values.

Technical Skills

Languages : Python, Pandas, Redshift SQL, PostGIS, VBA, JavaScript, R, HTML/CSS, RPGs and CL

Software : Alteryx, Carto, Precisely Spatial Manager/Enterprise Designer, Tableau

Platform : Azure, Iseries, AS/400, AWS-S3/RDS/EC2

Tools : Git, Dbeaver, DataGrip, MQ series, FTP

Databases : relational database, geojson, json and MongoDB.

Career Highlights

. Assisted kitchens and retail teams to locate areas to deploy kitchens/retail/brands to maximize revenue and minimize cannibalization – by calculating geoscore, poi, creating Carto maps to identify different neighborhoods and to highlight overlaps with existing deployed use cases.

. Migrated/upgraded banking system to Equation Banking System; incorporating interfaces, user training and local development/reporting for Public Bank in Hong Kong, Bank of Hawaii, State Bank of India, Delta Bank, Citco, ICBC, Bladex in Panama, and other banks in North and Central Americas, Canada and the Caribbeans.

. Support / technical training of banks in Europe, North and Central America.

. Created (developed, tested and installed) ST payments interface from the Iseries legacy systems to Server, converting CHIPS/FEDs/SWIFTS to accounting entries and generating fees where necessary.

. Created a list of periodical Fed and regulatory reports for banks

Employment History

REEF Technology **Aug 2019 – May 2022**

Equation consultant at Global Information Processing **Feb 2018 – Aug 2019**

- Upgrade Equation Legacy Banking System and local development/interfaces on Iseries.

Montessori Teacher at Coral Reef Montessori Academy Charter **August 2014 – Jan 2019**

- Teach first through third graders math, cultural and science.

Senior Support Consultant at Misys (now Finastra) **January 2006 –March 2014**

- Support/train/implement banking software
- Wrote interface between legacy systems and peripheral systems

Education

- **Data Analytics Certification**, University of Miami Data Analytics Boot Camp, *June 2019*
- **M.S. In Montessori Education**, Barry University, *GPA 4.0.*
- **B.S. In Computer Science**, State University of New York at Albany, *Magna Cum Laude*