HOANGYEN CAO

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https://ghhyc.github.io

SUMMARY

Seeking a Data Analyst position. Solution-driven professional with experience in programming analysis, gathering requirements, and testing particularly in healthcare.

- Skills in Excel, VBA, and Python for machine learning, statistical analysis, and programming.
- SQL (including ORMs) for programmable usage of database, and Tableau for data visualization.
- Recognized for project management, customer service, problem solving skills, and collaboration across diverse groups.

Tools: *SQL | Excel | VBA | Python | Pandas | Matplotlib | API| Flask | Jupyter Notebook| Visual Studio Code| Tableau*

Application: *SQLite | PostgreSQL | SQL | Mongo DB| AWS S3& RDS |GitHub*

PROFESSIONAL EXPERIENCE

Ventura County Medical Center — Ventura, CA
SQL REPORT ANALYST (CONTRACT FOR LUMINOUS) — 2015—2016

Develop, maintained clinical custom reports using Discern Visual Developer and CCL/SQL. Utilized CCL/SQL to analyze and validate data. Extract data from relational databases using SQL.

Pacific Hospital of Long Beach — Long Beach, CA
System Analyst — 2012 – 2013

Developed and maintained clinical customer reports and created ad-hoc reporting tools using Discern Visual Developer, Power Insight, and CCL/SQL (CERNER/LINUX). Gathered user requirements, identified, and resolved problems. Support testing and implementation activities. Co-build tested and successfully implemented the Family Health Clinic project.

Aramark Uniform Services — Burbank, CA
Programmer Analyst — 2008 – 2012

Health Net Inc. — Woodland Hills, CA
Programmer / Analyst — 2001 – 2008

CERTIFICATIONS AND PROJECTS

Data Analytics Bootcamp Certificate: UC Irvine, CA

Project 1**:** Heart Disease Analysis| https://github.com/ghhyc/project-4
Extract Transform Load (ETL)| https://heart-disease-predictor-p4.herokuapp.com
Using Heroku to deploy the app to the web. Machine modeling and data analysis to create an input page. Build the prediction page and application route to obtain the prediction page.

- Tools: HTML, Python, Jupyter Notebook, Pandas, AWS S3.

Project 2: US and Electric Vehicle Analysis | https://github.com/ghhyc/electric-vehicle-charging
Extract Transform Load (ETL) | https://us-map-and-electric-vehicle.herokuapp.com
Using Heroku to deploy the app to the web. Extracted CSV files, Cleaned and imported files to PostgreSQL. Used Leaflet, D3 for display maps. Used any chart for display graph of State Level Emission Change.

- Tools: HTML, Python, Jupyter Notebook, Pandas, Leaflet, and D3.

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EDUCATION

BSBA Information System: CSULA Los Angeles, CA