HOANGYEN CAO

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https://ghhyc.github.io

SUMMARY

Seeking for a Data Analyst position, with experience in programming analysis, gathering requirement, testing, solution professional and recently completed Data Analytics Bootcamp Certificate from UC Irvine, CA in March 2022.

- Skills in Excel, VBA, and Python for machine learning, statistical analysis, and programming.
- SQL (including ORMs) for programmable database usage 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

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 — 2009 – 2012

Analyzed, developed, enhanced, and maintained the Route Accounting system. Wrote technical design and user documents, and developed test plans, test cases, and test scripts. Performed various types of testing. Gathered requests from users and identified and resolved problems. Utilized PL/SQL and UDMS for searching issues and updating programs to support the Route Accounting system for more than 80 locations.

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
https://github.com/ghhyc/electric-vehicle-chargingUsing 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