Nathan Hung

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SKILLS

Programming (C#, Python), **Data Visualization** (Tableau, PowerBI, Pivot Tables), **Database Design/Management** (SQL, Database Design, Relational Database Programming), **Data Transformation** (Cubes, Views, SSAS, Python), **Statistical Software** (R, Minitab, Matplotlib)

EXPERIENCE

IT/DEVELOPER INTERN, PRODUCT ENGINEERING NAVIENT   05/2022 – 08/2022|REMOTE, US
- Developed front end website using **ASP .NET MVC** architecture
- Developed automated QA script on websites for internal use and clients using **Selenium** and **C#**.
- Designed edge test cases for QA testing to ensure the client's product is ready for production.
- Used **Azure Dev Ops** for source control, tracking work items in sprints and automating build pipelines.
- Designed Flow Diagram for documentation.
- Created Mockups of website during design phase.

TUTOR BELLEVUE COLLEGE   11/2020 – PRESENT | BELLEVUE, WA
- Supported students in understand the fundamentals of databases, OOP, and data analysis. (SQL fundamentals, Database theory and design, Intro to Python, C# fundamentals, Reporting using SSRS and Cubes)

DATA ANALYST INTERN STALGIA   10/2021 – 04/2022 | REMOTE
- Designed, Scripted, and implemented reporting database on **PostgreSQL**
- Developed **python** script to migrate and transform data from a production **MongoDB** database to a reporting PostgreSQL database (python, pymongo, psycopg2)
- Build real-time dashboards to support business decisions (google data studio)
- Developed streaming data pipeline using **MongoDB** watch stream for real-time reporting

NETWORK SUPPORT TECHNICIAN LTD BROADBAND   02/2021 – 10/2021 | REMOTE
- Diagnosed and solved network, hardware, and software issues for residential and business client's networks. Diagnosed and escalated widespread network issues.

PROJECTS

CAR GURUS WEB SCRAPING PROJECT
- Data Collected from CarGurus.com using **python** web scraper hosted on GCP runs hourly
- Data is cleaned and inserted into Heroku **Postgres** database
- Reduced **Regression** Model is generated daily to create a price predictor using forwards selection.
- Email alerts sends daily emails with new daily listings.
- Scripts are hosted on GCP VM Instance and scheduled using Crontab and Tmux
- Google Data Studio Dashboard displays market trends and data collection stats using live data from Postgres DB

FLASK WEBSITE (WWW.NATHANHUNG.COM)
- Website built using Flask web framework and bootstrap hosted on **GCP** App Engine
- Flask website uses daily generated regression model to take user input and outputs price.
- CarGurus live dashboard embedded in website
  Visit **www.NathanHung.com** to view project design, dashboard, scripts and github repo.

EDUCATION

BAS DATA MANAGEMENT AND ANALYTICS, BELLEVUE COLLEGE   09/2021 – 6/2023 | BELLEVUE, WA
(3.85 GPA)

- Statistical Analysis	- Applied Programming Concept	- Data Acquisition and Management
- Applied Statistical Methods 1	- Intro to Analytics	- Data Analysis Software Programming
- Applied Statistical Methods 2	- Measurement and Analytics	

AAS INFO. SYSTEMS BUSINESS ANALYTICS, BELLEVUE COLLEGE   9/2020 – 6/2021 | BELLEVUE, WA
(3.91 GPA)

- Web Development	- SQL Database Programming	- Object Orient Programming
- Systems Analysis and Design	- Using and Supporting Linux	- Database Theory
- Applied Business Analysis	- Advanced Business Database Tools	- Intro to Business Analysis
- SQL Fundamentals	- Calculus 1 & 2	- Intro to Stats
- Networking Basics		