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

BUSINESS ANALYST INTERN, PRODUCT ENGINEERING NAVIENT   05/2022 – PRESENT |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
In this position, I provided support to countless students to 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
Diagnose and solve network, hardware, and software issues for residential and business client's networks. Diagnose and escalate widespread network issues.

PROJECT

CAR GURUS WEB SCRAPPING PROJECT
- Data Collected using python web scrapper hosted on GCP runs hourly
- Data is cleaned and inserted into Heroku Postgres database
- Reduced Regression Model is built to create a price predictor using forwards selection daily.
- Flask website uses daily generated regression model to take user input and outputs price.
- Website built using Flask web framework and bootstrap hosted on GCP App Engine
- 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
  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)
- Applied Statistical Analysis with statistical software(R, Minitab)
- Statistical concepts such as multiple regression, dummy variables, stepwise regression, collinearity, ANOVA tables, regression assumptions, multiple comparisons using Tukey's and Dunnett's test, CRD, Block design, and Latin Square.
- Extract data from MongoDB, MS SQL Server, and Excel to perform data analysis and regression models using Pandas, Python, Matplotlib, Numpy, and sklearn.

- Data analysis with pandas and matplotlib

AAS INFO. SYSTEMS BUSINESS ANALYTICS, BELLEVUE COLLEGE   9/2020 – 6/2021 **|** BELLEVUE, WA
(3.91 GPA)
- SQL programming and queries, C# fundamentals, Basic front-end web development
- Using Visio, Draw.io for database design and system analysis and design
- Use SSRS, Power-BI, Tableau and Excel for data analysis and reporting
- Creating Cubes and Views using SSAS - Business Analysis skills such as A/B test plans, competitive analysis reports, feature brainstorming and focus group interview plans

REFERENCES   **Eric Fishbin**, *CEO/Founder*, Stalgia…………………………………………………516-236-2242
Ali Akil, *Data Scientist*, Stalgia…..……………………………………………Aakilchem@gmail.com, 323-972-6269
Franco, *Senior Team Lead*, LTD Broadband……………………………………..972-782-4384