

Nathan Hung

📍 Bellevue, WA ✉ nathanhung369@outlook.com ☎ 360-851-9560

in [linkedin.com/in/nathan-hung-aab896215](https://www.linkedin.com/in/nathan-hung-aab896215) 🌐 <https://github.com/NathanHung369>

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 – 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.

PROJECT **CAR GURUS WEB SCRAPING PROJECT**

- Data Collected using **python** web scraper 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)

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|---------------------------------|-------------------------------|--------------------------------------|
| - 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)

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|-------------------------------|------------------------------------|------------------------------|
| - 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 | | |