

# 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)

<b>EXPERIENCE</b>	<b>IT/DEVELOPER INTERN, PRODUCT ENGINEERING</b> NAVIENT	05/2022 – 08/2022   REMOTE, US
	<ul style="list-style-type: none"><li>- Developed front end website using <b>ASP .NET MVC</b> architecture</li><li>- Developed automated QA script on websites for internal use and clients using <b>Selenium</b> and <b>C#</b>.</li><li>- Designed edge test cases for QA testing to ensure the client's product is ready for production.</li><li>- Used <b>Azure Dev Ops</b> for source control, tracking work items in sprints and automating build pipelines.</li><li>- Designed Flow Diagram for documentation.</li><li>- Created Mockups of website during design phase.</li></ul>	
	<b>TUTOR</b> BELLEVUE COLLEGE	11/2020 – PRESENT   BELLEVUE, WA
	<ul style="list-style-type: none"><li>- 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)</li></ul>	
	<b>DATA ANALYST INTERN</b> STALGIA	10/2021 – 04/2022   REMOTE
	<ul style="list-style-type: none"><li>- Designed, Scripted, and implemented reporting database on <b>PostgreSQL</b></li><li>- Developed <b>python</b> script to migrate and transform data from a production <b>MongoDB</b> database to a reporting PostgreSQL database (python, pymongo, psycopg2)</li><li>- Build real-time dashboards to support business decisions (google data studio)</li><li>- Developed streaming data pipeline using <b>MongoDB</b> watch stream for real-time reporting</li></ul>	
	<b>NETWORK SUPPORT TECHNICIAN</b> LTD BROADBAND	02/2021 – 10/2021   REMOTE
	<ul style="list-style-type: none"><li>- Diagnosed and solved network, hardware, and software issues for residential and business client's networks. Diagnosed and escalated widespread network issues.</li></ul>	

<b>PROJECTS</b>	<b>CAR GURUS WEB SCRAPING PROJECT</b>
	<ul style="list-style-type: none"><li>- Data Collected from CarGurus.com using <b>python</b> web scraper hosted on GCP runs hourly</li><li>- Data is cleaned and inserted into Heroku <b>Postgres</b> database</li><li>- Reduced <b>Regression</b> Model is generated daily to create a price predictor using forwards selection.</li><li>- Email alerts sends daily emails with new daily listings.</li><li>- Scripts are hosted on GCP VM Instance and scheduled using Crontab and Tmux</li><li>- Google Data Studio Dashboard displays market trends and data collection stats using live data from Postgres DB</li></ul>
	<b>FLASK WEBSITE</b> ( <a href="http://www.nathanhung.com">WWW.NATHANHUNG.COM</a> )
	<ul style="list-style-type: none"><li>- Website built using Flask web framework and bootstrap hosted on <b>GCP</b> App Engine</li><li>- Flask website uses daily generated regression model to take user input and outputs price.</li><li>- CarGurus live dashboard embedded in website</li></ul> <p>Visit <a href="http://www.NathanHung.com">www.NathanHung.com</a> to view project design, dashboard, scripts and github repo.</p>

<b>EDUCATION</b>	<b>BAS DATA MANAGEMENT AND ANALYTICS</b> , BELLEVUE COLLEGE	09/2021 – 6/2023   BELLEVUE, WA
	(3.85 GPA)	
	<ul style="list-style-type: none"><li>- Statistical Analysis</li><li>- Applied Statistical Methods 1</li><li>- Applied Statistical Methods 2</li></ul>	<ul style="list-style-type: none"><li>- Applied Programming Concept</li><li>- Intro to Analytics</li><li>- Measurement and Analytics</li></ul>
		<ul style="list-style-type: none"><li>- Data Acquisition and Management</li><li>- Data Analysis Software Programming</li></ul>
	<b>AAS INFO. SYSTEMS BUSINESS ANALYTICS</b> , BELLEVUE COLLEGE	9/2020 – 6/2021   BELLEVUE, WA
	(3.91 GPA)	
	<ul style="list-style-type: none"><li>- Web Development</li><li>- Systems Analysis and Design</li><li>- Applied Business Analysis</li><li>- SQL Fundamentals</li><li>- Networking Basics</li></ul>	<ul style="list-style-type: none"><li>- SQL Database Programming</li><li>- Using and Supporting Linux</li><li>- Advanced Business Database Tools</li><li>- Calculus 1 &amp; 2</li></ul>
		<ul style="list-style-type: none"><li>- Object Orient Programming</li><li>- Database Theory</li><li>- Intro to Business Analysis</li><li>- Intro to Stats</li></ul>

