

Khiem Nguyen

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TECHNICAL PROFICIENCIES

Programming: Python, Java, C++, SQL, C, Visual Studio, Eclipse, DBEaver, GCP, Jira, Git

Data Analysis & Visualization: Power BI, Excel

PROFESSIONAL EXPERIENCE

Program Analyst, BCD Travel, *Memphis, TN*

2023 – Present

- Analyzed data and produced interactive dashboards for S&P 500 corporate travel accounts, delivering insights in real-time that resulted in an average 5-10% reduction in business expenditures, and a 10-15% increase in savings for clients YoY.
- Developed monthly reporting using SQL, allowing clients and business stakeholders to optimize decision-making with increased visibility of traveler activity and account performance.
- Collaborated with cross-functional teams to gather requirements and optimize reporting functionality, increasing customer experience metrics percentages.

Business Analyst Vital Records Control, *Memphis, TN*

2022 –2023

- Reduced business expenditures using SQL, Excel, Vital4Web, and DBEaver to analyze data, delivering insights surrounding delivery and operations logistics, resulting in a 15% reduction in fuel and labor costs.
- Improved project outcomes using Jira to monitor progress and proactively allocate engineering resources, alerting stakeholders to mitigate risks to project milestones and objectives.
- Improved customer experience using Excel and Vital4Web Software to analyze feedback and business metrics to deliver actionable insights to business stakeholders.

Data Analyst, Intern, Publyon, *Shanghai, China*

2021

- Produced a white paper in collaboration with two team members, using research and data visualization of foreign and domestic financial insights, receiving buy-in from stakeholders in the Netherlands to invest in China's \$10M food-waste management industry.

PROJECTS

Stock Fair Value Calculator

- Designed, developed, and deployed a calculator through GCP, using Python, Streamlit, and the Alpha Vantage API, enabling users to calculate the fair value of input stock based on projected earnings, cash flow, and ROI fetched from data in real-time; leveraged edge cases to optimize code and tested for data validation. Deployed via Google Cloud.

Latest News Summarizer

- Developed a dynamic news summarizing app using Python, BeautifulSoup, and Transformers to get the 10 latest news from popular sites. Outputs include the news headline, article link, and a short summary done by Google's T5 AI Model. Designed with OOP for better feature controls/updates.

Password Strength Checker

- Developed a password security checker using Python, Tkinter, and the Have I Been Pwned API to check user inputs against a database of compromised passwords, enabling users to evaluate the strength and security of their passwords in real time.

EDUCATION

B.A. in Economics & International Studies, Rhodes College, Memphis, TN

- Coursework: Calculus, Python Programming, Power BI, Statistical Analysis, Game Theory, Econometrics, Research Methodologies.

Non-seeking degree in Computer Science, Lake Washington Institute of Technology, Redmond, WA

- Coursework: Data Structures & Algorithms, Java Programming, C++ Programming, Computer Science