Vasil Nenov

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Experience

Wickfire - Contract	**Chicago, IL**
Data Analyst	May 2021 – Present

- Developed quantitative analysis dashboard which translated metrics into conversations for clients
- Optimized proprietary data analytics platform within a MySQL environment speeding up duration time requests
- Streamlined client outreach, performance data and optimization opportunity reports within a web programming environment

The Alumni Collaboration Projects	**Chicago, IL**
Data Analyst	November 2020 – May 2021

- Created a Python script that analyzed financial records which calculated 5 distinct metrics and exported results in CSV/text files
- Modernized SQL database combining historic datasets using ETL, PostgresSQL
- Visualized SQL database results with Python, Pandas, Jupyter Notebook, VS Code
- Designed Flask APIs based on custom queries to return results in JSON
- Aggregated GBs of data and design visualizations to spot unexpected phenomena using Tableau
- Built web application with Pandas, Jupyter to scrape various websites for data and display information in a single HTML page
- Employ statistical analysis to model, predict, and forecast trends with VBA Scripting
- Work with and lead small-scale teams in order to create custom applications and visual datasets, heavy use of Git

Healthworks Insurance	**Chicago, IL**
Benefits Analyst	September 2019 – March 2020

- Consolidated multiple datasets into SQL database for analysis using custom queries
- Designed internal dashboard with JavaScript, Plotly, D3 to display hourly metric updates
- Built custom visualizations with JavaScript, HTML and CSS of key performance indicators

XSport Fitness	**Chicago, IL**
Operations Manager	January 2019 – September 2019

- Increased member engagement and retention by performing statistical analysis using VBA resulting in 12% membership retention
- Oversaw change initiatives using Kanban charts to identify hang up spots, and drafting a plan to improve member service times
- Directed monthly cross-functional team meetings to identify areas of improvement

EVM Nutrition	**Denver, CO**
Data Analyst and Founder	May 2017 – January 2019

- Analyzed GBs of data using JavaScript, Pandas of 78 Denver neighborhoods for the purpose of site selection
- Reviewed large data sets of consumers buying habits in order to spot market patterns and improve inventory selection
- Implemented internal dashboard with JavaScript, HTML, CSS to display real time sales metrics
- Launched digital marketing initiatives in conjunction with a rewards program that increased customer retention by 27%

Various Roles	**Niles and Vernon Hills, IL**
Logistics and Operations Management	January 2011 – May 2017

Selected Project – Additional Projects Available at www.vgnenov.github.io

Correlation of Obesity in relation to Restaurant Options by City Population | https://github.com/liliana-ilut/The-Mockingbirds
Project Description: Exploring the correlation between number and type of restaurants and obesity rate
Languages and Tools: Python, Pandas, Matplotlib, NumPy, Matplot, Pyplot, Excel and CSV, Jupyter Notebook

Technical Skills, Technologies and Libraries

VBA, Python, NumPy, Pandas, Matplot, API, Excel, Heroku, MySQL, Mongo DB, ETL, HTML, CSS, SQL, Bootstrap, Access, JavaScript, JSON, D3, Leaflet, Tableau, Plotly, Flask, BeautifulSoup, PostgreSQL, Dashboarding, Hadoop, JSON, AJAX, AWS

Education

Northwestern University	**Evanston, IL**
Master of Science in Communication	Class of 2022
Northwestern University	**Evanston, IL**
Certificate in Data Science and Visualization	2020
Keller Graduate School of Management	**Chicago, IL**
Master's in Business Administration with a certificate in Big Data and Analytics	2013