

Nicholas Geary

Nick.Geary.Engineer@gmail.com, 716-704-9334, [LinkedIn](#) , [Github](#)

Portfolio

TECHNICAL SKILLS

Data Gathering Tools:

- SQL Server/Sybase
- Alteryx
- Cognos Reporting
- MongoDB & Mongoose
- GraphQL/Apollo Client

Data Analysis Tools:

- Python
- Numpy & Pandas
- Excel VBA
- Scikit-Learn
- R

Data Visualization Tools:

- Tableau
- PowerBi
- Matplotlib
- Seaborn
- Plotly

Other Tools: GitHub/GitLab, Agile Methodologies, Trello, JIRA, Photoshop/GIMP, Minitab & Microsoft Visio

PROJECT EXPERIENCE

NHL 3-2-1 Point System

[Github](#) [Medium Article](#)

Tools: Python, BeautifulSoup, Numpy, & Pandas

This project is to take a look to see what the NHL's standings would be if they went to a 3-2-1 point system. Python and the BeautifulSoup library was used to web scrape the NHL standings and Numpy/Pandas was used to manipulate the data to configure the standings if they went to the 3-2-1 point system.

{Code:Buffalo} Hackathon - UnBoard.Today

[Github](#) [Live Demo](#)

Tools: Apollo Client, Node JS, and React

Winning 2nd place out of 50 teams in the 2019 Code:Buffalo Hackathon, my team and I created a website where users can go and be suggested things to do around their college campus. The user interface was designed similar to the Pinterest model by allowing users to see and create cards of different events or activities happening around them. React was used to create the front end, while using the Apollo client to make calls to the back end.

WORK EXPERIENCE

HealthNow BlueCross BlueShield of WNY, Buffalo, NY - *Healthcare Informatics Analysis* Sept 2019 – Present

Process Engineer Feb.2018 - Sept. 2019

- As a part of the Operational Analytics team at HealthNow, we work with different departments within operations to provide value-added analysis. This includes developing and analysing departmental KPIs, while also developing visualisations to show the progress of those KPIs.
- Developed Tableau/PowerBi coaching dashboards for operational supervisors, giving insights on frequently used words within their notes section and overview of categorized behaviors.
- Created and conducted Six Sigma training for over 40 employees across the company.

EDUCATION

SUNY University at Buffalo, Buffalo, NY

Bachelor of Science in Industrial and Systems Engineering

Certification: Six Sigma Green Belt, Oct. 2016

May 2017