

Nicholas Geary

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ncgeary.github.io/Geary_Portfolio/

TECHNICAL SKILLS

Developer Tools:

- HTML5
- CSS3 & SASS
- Bootstrap4
- JavaScript (ES6)
- MongoDB

Data Analysis Tools:

- Tableau
- SQL
- Python
- R
- Microsoft Excel (VBA)

Libraries/Frameworks:

- React/Redux, Router
- Numpy & Pandas
- BeautifulSoup(web scraping)
- Express.js
- Node.js

Other Tools: Github, Agile Methodologies, Trello, Photoshop/GIMP, Minitab & Microsoft Visio

PROJECT EXPERIENCE

NHL 3-2-1 Point System

Github.com/ncgeary/NHL_321_Point_System

Back End Tools: Python, BeautifulSoup, NumPy, & Pandas

Front End Tools: HTML5, Bootstrap 4, & CSS3

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 manipulated the data to configure the standings if they went to the 3-2-1 point system. To expand on this project, I am currently upgrading this project's technology using the MERN Stack.

WORK EXPERIENCE

HealthNow Blue Cross Blue Shield of WNY, Buffalo, NY - Process Engineer

February 2018 – Present

- As a part of the Process Engineering team at HealthNow, we work with different departments to document processes to identify value added and non value added process steps. Using different root cause analysis tools and techniques we propose changes to limit the non value added processes and streamlining the value added processes.
- Developed supervisor dashboards, in Tableau, to help them keep track of coaching sessions with their employees. This dashboard monitors behavior trends and quantifies qualitative data within their free form notes section.

Sefar Inc, Buffalo, NY - Industrial Engineer

March 2017 – February 2018

- Created communication tools for the production planning team to help with expediting production orders based on sales demand and material availability. The tool pulls in data from the company's ERP system, the employee efficiency system, and supervisor tracking system to determine what orders can be expedited and scheduled in different departments.

EDUCATION

SUNY University at Buffalo, Buffalo, NY

May 2017

Bachelor of Science in Industrial and Systems Engineering

Certification: Six Sigma Green Belt, Oct. 2016