Ivan Siat

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# Technical Skills

**Languages**: Java, Python, R, C#, SQL (Postgres), JavaScript, HTML, CSS

**Frameworks**: ASP.NET/.NET, Node.JS, Express, Bootstrap

**Developer Tools**: Git, VS Code, Visual Studio, Eclipse, Microsoft SQL Studio, R Studio, BigQuery, Data Structures

**Data Analysis**: Tableau, Data Manipulation, Cleaning, & Visualization, Kaggle, Spreadsheets

**Libraries**: React, tidyverse

# Experience

**Quality Control Specialist & Developer, WellMade Dashboard** Sep 2020 – Apr 2021

*Tundra Oil & Gas, University of Winnipeg Winnipeg, MB*

* Developed a full-stack web app using C#, .NET, ChartJS.Blazor, Dapper, and SQL to visualize oil well data on graphs for an undergraduate project in collaboration with a student team
* Implemented dashboard features such as incremental loading, date slider, add/remove graphs from dashboard, create new dashboard, and saving graphs to dashboard
* Developed navigation menu, dashboard navigation, and aesthetic CSS Frontend with dark mode option
* Produced documentation such as Design Reports, System Reports, Manuals, and Diagrams for the project
* Participated in daily scrums and check-ins to review progress on our Project Plan with a Waterfall/Agile SDLC

# Projects

**Sweater Weather** | *React, JavaScript, HTML, CSS, Open Weather API, Semantic-UI* Oct 2022

* Developed a React web app that returns the weather forecast of the city that the user enters in the search bar
* Used the Open Weather API to make API calls and return a JSON response that can be displayed on the app
* Designed weather card UI using Semantic-UI React to display city and weather details
* [Github Link](https://github.com/IvanSiat/Sweater-Weather) & [Webpage Link](https://ivansiat.github.io/Sweater-Weather/)

**Analysis Capstone Project: Bellabeat Case Study** | *R, Kaggle, Google Spreadsheets* Aug 2022

* Performed Data Manipulation and Cleaning techniques to the sample dataset using R and CRAN packages
* Visualized the data into graphs and charts through R and ggplot2
* Performed Data Analysis techniques on the data to provide recommendations and action points for the business
* [Github Link](https://github.com/IvanSiat/Bellabeat-Case-Study---Google-Data-Analytics-Course) & [Kaggle Notebook Link](https://www.kaggle.com/code/ivansiat/bellabeat-case-study-capstone-project)

**Rest Easy Cleaning Services Webpage** | *JavaScript, HTML, CSS* Jun. 2022 – August 2022

* Repurposed a template from BootStrapMade to fit the needs of a cleaning and automobile detailing website
* Added extra features that were needed by the client, such as a video and image gallery to display work done for previous customers
* Reworked page structure to condense information to enhance the user experience
* [Github Link](https://github.com/IvanSiat/RestEasyWeb) & [Webpage Link](https://ivansiat.github.io/RestEasyWeb/)

**Tweet-Bot & Retweet Picker** | *Java, Twitter API (Twitter4J) J*an 2021

* Developed a Twitter bot using Java and a Java-wrapped Twitter API (Twitter4J) for practicing API utilization
* Implemented methods where the app calls the Twitter API to post and reply to tweets
* Also implemented a feature where the bot would pick a random user from the list of users that retweeted a post, using the tweet’s status ID
* [Tweet-Bot Github Link](https://github.com/IvanSiat/Tweet-Bot) & [Retweet Picker Github Link](https://github.com/IvanSiat/EliorRetweetPicker/blob/master/EliorRetweetPicker.java)

# Education

**University of Winnipeg** Winnipeg, MB

*Bachelor of Science in Applied Computer Science (Dean’s Honour List, 2020 - 2021) Jun 2022*

**Coursera/Google**

*Google Data Analytics Certificate -* [Certificate Link](https://coursera.org/verify/professional-cert/4T794MCAW4H6) *Aug 2022*