Sky (Saeha) Yoon

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KEY SKILLS

- Programming languages: Python / Java / JavaScript / C / C++ / C# / HTML / CSS
- Project management: Jira / Asana / GitHub Desktop
- QA tools: Selenium / Cypress / Jenkins / TestComplete / TestRail / Postman / AWS / VMWare
- Data analysis: MS MSQL / MySQL / Oracle / MS Excel / MS Power BI / Tableau

EDUCATION

3.8/4.0

Diploma of Computer Programming Seneca College Sep 2023 – Apr 2025

- President's Honour List 4.0/4.0 Winter 2024
- Course work: Object Oriented Programming (OOP) / Advanced Database Services
  Data Structures and Algorithms (DSA) / Software Design, Analysis and Testing

EXPERIENCES

QA Automation Engineer Co-op - PAR Technology Sep – Dec 2024

- Developed and maintained 50+ JavaScript and C# scripts for POS registers, printers, and API test cases
- Automated test cases on TestComplete and on across 3+ virtual machines using AWS
- Investigated Jenkins jobs weekly for assigned 5 clients, resolving issues and ensuring stability
- Created test scripts for high-profile business clients such as Arby's and Dairy Queen in B2B environment
- Reviewed Regression Run, Smoke Run and Patch Run, analyzing traceability data using Matrix

Senior Business Analyst - Seneca Hackathon 2024 Committee Nov 2023 – Mar 2024

- Facilitated smooth hackathon experiences for 1000+ participants
- Analyzed the marketing team engagement rate with KPIs
- Reviewed CTR (Click Through Rate) data with an analysis report

ACADEMIC PROJECTS

MS Excel SQL Tableau | COVID Deaths and Vaccinations GitHub Link

- Collected and cleaned over 80 k rows of global COVID dataset
- Utilized SQL queries to analyze data using CTE, JOIN and View
- Created 4 interactive Tableau tables to visualize Infected population and total deaths based on continent

Python MS Excel | Data Science Machine Learning GitHub Link

- SKLearn – Compared SAT scores and GPA data with intercept, coefficients, R^2 and Adjusted-R^2
- Multiple Linear – Visualized and interpret relationships of features on regression using matplotlib
- Logistic Regression – Tested 2 datasets and calculate train accuracy with confusion matrix function

Python | Data Structures Algorithms GitHub Link

- Analyzed augmented data structures such as AVLs and Red-Black Trees
- Reviewed Stacks, Queues, and Linked Lists on Python and tested them
- Implemented Binary Search Tree (BST) on Python with insert, search, and destructor functions

JavaScript HTML CSS | Online Shopping Website

- Designed web page using CSS grids, cards, and CSS Frameworks
- Utilized a local web server by using npm to serve the application
- Linked multiple web pages using HTML to enable navigation