Josephine Widjaja

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SKILLS

LANGUAGES:
Python, C++, JavaScript, HTML, CSS/SASS, R, SQL

FRAMEWORKS/LIBRARIES:
ReactJS, MySQL, Pandas, NumPy, BeautifulSoup, Seaborn, MatPlotLib, Scikit-Learn, Plotly, Django, Unix/Linux

TOOLS:
AWS, Confluence, Jira, Jupyter Notebook, Excel (Pivot Tables, V-Lookups, VBA), Power BI, Sharepoint

EXPERIENCE

DATA SCIENCE INTERN   09/2022 – present
KPMG

BUSINESS TECHNOLOGY ANALYST   01/2022 – 04/2022
Bank of Montreal
- Adapted team's data onto **Power BI** dashboard
- Organized team data on **Sharepoint** for 100+ other employees to view
- Developed an automated **Excel** data reconciliation tool that incorporated **VBA** and **Pivot Tables**
- Trained a new hire on updating daily fiscal reports in order to support daily team activities

MACHINE LEARNING ENGINEER INTERN   05/2021 – 08/2021
Assent Compliance
- Ran **Python** scripts on **Jupyter** to build, train and test pre-trained **NLP Models** through **AWS Sagemaker** to determine which model is best to process the company's documents
- Used **AWS CLI** to build and process objects on **AWS S3**
- Helped develop models with tasks like **Named-Entity Recognition** (NER) and **Image Classification**
- Organized and recorded team data using **Excel**, **LucidChart**, and **Confluence** for 30+ other team members to view

EDUCATION

Candidate for Bachelor's of Computer Science   09/2020 – 05/2024
University of Waterloo

PROJECTS

reci.py   03/2022
Django, HTML/CSS, JavaScript, Heroku, BeautifulSoup
- A multi-person **Python** project that acts as an online fridge and recipe finder
- Using **BeautifulSoup** web scraper to automate recipe and ingredient retrieval
- Using **HTML, CSS,** and **Javascript** with **Django** framework to integrate Python scripts into the web

straights (card game)   12/2021
C++
- Developed a **CLI** four-player card game in **C++** with **MVC**
- Utilized **OOP** principles like **polymorphism** and **inheritance**
- Deployed memory management via **STL containers** as well as **smart pointers**