Josephine Widjaja

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SKILLS

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

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

TOOLS:
AWS, Confluence, Excel VBA, Git, Jupyter Notebook, MS Suite, Power BI, Sharepoint, PyCharm

EXPERIENCE

BUSINESS TECHNOLOGY ANALYST   01/2022 — present
BMO
- Co-assisting in the migration of team's data onto **Power BI**
- Organized team data on **Sharepoint** for 100+ other employees to view
- Developed an automated **Excel** data reconciliation tool with **VBA**
- 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**
- 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

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)   12/2022
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**

EDUCATION

Candidate for Bachelor's of Computer Science   09/2020 — present
University of Waterloo
- GPA: 3.7