JOSEPHINE WIDJAJA

2A COMPUTER SCIENCE

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SKILLS

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

FRAMEWORKS/TOOLS: AWS, Git, Pandas, SQL, Jupyter, R, Linux, Django, Microsoft Suite, Power BI

EXPERIENCE

BMO • TECHNOLOGY BUSINESS ANALYST (FISCAL GOVERENANCE)   JAN 2022 – PRESENT
- Developing an automated Excel data reconciliation tool and contributing to a process guide to present to the team
- Co-assisting in the migration of team's data onto Power BI
- Participating in the BMO Women in Tech (WIT) program to network with industry professionals
- Trained a new hire on updating daily fiscal reports through pulling data from Clarity databases in order to support daily team activities

ASSENT COMPLIANCE • SOFTWARE DEVELOPER (M.L.)   MAY 2021 – AUG 2021
- 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 ML models with tasks like Named-Entity Recognition (NER), Image Classification, and Text Comprehension
- Organized and recorded team data using **Excel, LucidChart**, and **Confluence** for 30+ other software team members to view

PROJECTS

reci.py *(in progress)*   JAN 2022 – PRESENT
- A **multi-person Django project** that acts as an online fridge and recipe finder
- Stored items into a fridge database using **pandas**
- Used **BeautifulSoup** and MyCookbookRecipe APIs to automate recipe and ingredient retrieval

operate   AUG 2021
- Developed a game inspired by the Operation board game using the **pygame** library (**Python**)
- Based on **object-oriented programming**
- Implemented **hand-drawn graphics** into game

personal website   JAN 2021
- Developed a website using **HTML** and **CSS** to showcase resume
- Deployed website through **GitHub**

EDUCATION

UNIVERSITY OF WATERLOO   SEP 2020 – MAY 2025

Candidate for Bachelor of Computer Science
- GPA: 3.7 (90%)