

Emjay Factor

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TECHNICAL SKILLS

Languages: Java, Python, C#, Javascript, C++, Bash, React, Typescript
Database: MySql, Firebase, PostgreSql
Developer Tools / IDE's: Git, Linux, Plastic, VSC, Jetbrains IDE's, Visual Studio
Frameworks and Libraries: JavaFX, Swing, RESTful, tkinter, TensorFlow, Pytorch

PROJECTS

- Inventory Management System** | *Java, MySql, JavaFX, Maven, Git*
(Role: Project Leader)

[!\[\]\(30a147af384f9f71632c2ff17bc706c8_img.jpg\) \[mjfactor/Inventory\]\(#\)](#)

 - Developed a user-friendly application built using JavaFX, SQL, and Maven. It provides a comprehensive solution for managing inventory, tracking transactions, user authentication and generating receipts using the jaspersoft library.
 - Collaborated with an independent developer using Github to create this project.
- Qr-Code Generator** | *Python, Git, Library*

[!\[\]\(9b33568d5c136f08ca688ce48be37574_img.jpg\) \[mjfactor/qr-code-generators\]\(#\)](#)

 - Developed a QR code generator using a concise single-line syntax in Python.
 - Deployed an open-source library on PyPI, utilizing GitHub Actions for continuous integration.
- File Bulk Renamer** | *Python, Automation, tkinter, Git, File Management*

[!\[\]\(8c93063dab026f10e159986b27c41c64_img.jpg\) \[mjfactor/file-bulkrenamer\]\(#\)](#)

 - Developed a Python application for renaming files in a selected directory, allowing users to add prefixes or suffixes to existing file names. Ideal for efficiently renaming large batches of files.
- Mr. Pearson AI-Chatbot** | *Python, Pytorch, Natural Language Proccessing*

[!\[\]\(8a17676a8da87a4e59299223a765e613_img.jpg\) \[mjfactor/Mr-Pearson\]\(#\)](#)

 - Created a chatbot model capable of responding with dark humor, providing a unique user experience.
 - Used PyTorch to train the chatbot's language model for smart and contextually relevant response.

EXPERIENCE

- Inventory Management System Developer**
AC/DC Component Parts and Service Center, Inc. *September 13, 2023 – January 23, 2024*

 - Created and deployed a Supplies Inventory System, enhancing efficiency and accuracy through centralized tracking and categorization.
 - Worked with 2 other individuals to gather requirements, design the system architecture, and document specifications, ensuring smooth implementation and continuous support.

EDUCATION

- Philippine Christian University**
Information and Communications Technology (ICT)

Dasmariñas City, Cavite
2018 – 2020

 - Coursework:** Introduction to Java, Introduction to Python, Data Structures and Algorithms, Object-Oriented Programming
- Cavite State Universtiy, Silang Campus**
Bachelor of Science in Computer Scinece

Silang, Cavite
2021 – Present

 - Coursework:** General Programming, Data Structures and Algorithms, Object-Oriented Programming, Game Development, Software Development, Cybersecurity, Networking.

CERTIFICATES

- 12th International Conference of Frontiers of Intelligent Computing: Theory and application**
(Role: Author / Presenter) | [View Certificate](#)

2024

 - Participated as an Author & Presenter of the paper entitled “**Impact of Robotics and Automation on the Workforce and Society: A Literature Review**” in FICTA-2024, organized by AI and Data Science (AI&DS) Research Group, London Metropolitan University, London, United Kingdom
- AI Engineering Path**
(Source: Scrimba) | [View Certificate](#)

2024

 - Recieved a certificate of completion in AI Engineering from Scrimba.