Aloysius Tan

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SKILLS

Programming Languages: Python, JavaScript, Java, HTML, CSS

Frameworks: React, Bootstrap, Tailwind CSS,

Technologies : Git/GitHub, Tableau , UiPath

Integrated Development Environment (IDE): Visual Studio Code, IntelliJ IDEA , Pycharm

WORK EXPERIENCE

Software Engineer Intern   **Singapore**
Singapore Technologies Engineering Ltd   *September 2020 – February 2021*
- Programmed a website for the department which boosted the department's efficiency.
- Automated processes for updating information to Excel using Python in UiPath which removed manual work.
- Generated visual graphs using Tableau using department's data to track quarterly sales.

PROJECTS

Cryptocurrency React Website   *[allcrypto.netlify.app](#)*
- Extracts cryptocurrency data from CoinGecko and GNews API.
- Features data such as coin ranking, exchanges ranking, cryptocurrency news and coin charts.
- Connected to Firebase's Authentication where users can log in to add their favorite coins, which will be saved to Firebase's Firestore Database.

Student Management GUI made with Java   *https://youtu.be/f5tIS5rWoDA*
- Create a student management GUI application with JavaFX.
- Able to add, edit, delete student data from table
- Connected to mySQL database using JDBC

Personal Portfolio Website   *[aloysius.vercel.app](#)*
- Created using NextJS and CharkraUI component library.
- Features blogs on my programming interests and recent projects.
- Integrated self-created voxel art using ThreeJS to render onto my website.

Discord Bot made with Python
- Created a custom discord bot using discord.py API in Python
- Programmed custom commands which can be called to run tasks such as recommend anime, delete messages and play music

EDUCATION

Singapore Polytechnic   **Singapore**
Diploma in Engineering with Business   *Graduation Date: Feb 2021*