Taiga Ishida

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Proficiency

Languages: Python, Golang, C++, JavaScript
Skills: Development, Integration, Automation
Tools: Git, Jenkins, Docker, AWS, Jira
Experience: REST, TCP, Embedded Systems
Database: Postgres, Raima, MySQL
Non-Technical: Japanese, Photoshop, Logic X

Work Experience

Cubic Transportation Systems — **San Diego**
Associate Software Engineer — *Nov. 2018 - Current*

- Designed and implemented a service that monitors and controls an advanced micro architecture system used for integration testing and development.
- Designed and integrated a solution into the build system that will monitor the performance of the deployment at a integration level.
- Developed a lightweight port of a production API to be used in testing and development environment.
- Worked on a complex micro service in charge of communicating data to the back end as well as distributing new data across the system.

Projects

Personal

Pycap
Python, REST

- Developed a CLI tool in Python to quickly track crpyto prices.
- Used REST API calls to get data from coinmarketcap.com.

taigaishida.com
Python, Flask, HTML5, CSS3

- A Portfolio Website Made Using Python's Flask Framework, HTML, and CSS.
- Incorporates Flask's Template Inheritance Which Made It Easy To Implement New Pages

School

Electricity Generating Water System
Contract Project For A Local Science Fair

- Successfully Worked In A Team And Executed A Project From Idea to Product. Won Best Project
- Made a Closed System Where Water Is Pumped Through A Turbine Producing Electricity Then Recycled
- A Arduino Took The Electricity As Input and Displayed On LEDs The Strength Of The Current

Embedded Space Invaders Clone
ARM Assembly, Embedded Software, GPIO, UART, Keil5

- A Space Invaders Clone Made For A Microprocessors Class; Flashed On A LCP-2138
- Written In Assembly To Showcase My Knowledge Of Embedded Programming, Timers, Interrupts and GPIO
- Provided Game Stats Using Board Peripherals. e.g. 7-segment display was used to display the score.

Education

University at Buffalo — **NY**
Bachelor of Science, Computer Engineering — *2014–2019*