

Arfy Slowy

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slowy07.github.io

Aceh, Indonesia

Professional Summary

Software Engineer with excellent time management and ability to multitask while working within deadlines and time constraint, Offering 12 years of hands-on experience in computer programming and software development. Proficient in artificial intelligence, system architecture, numerical modeling, quantum computing.

Work Experience

May 2021 - Present Singapore
Software Engineer / Google

- Working as a software engineer at the Google brains team. Increasing code quality and more efficiently.
- Join tensorflow products on modeling, simulation and object oriented design for more to facilitate users in learning and companies to create applications related to artificial intelligence.
- Maintained tensorflow products which monitor system performance to make sure up to date and easy to use.

May 2022 - Present Indonesia
Professional Education Mentor / Digidiv

- Working contract with digidiv as professional mentor in guiding students in doing the final project and providing some input related to software engineers.

Volunteering Experience

July 2021 - Feb 2022
Software Testing / Microsoft

- Become a volunteer at a set of libraries for analyzing HotSpot Java garbage collection (GC) log files. The toolkit parses GC log files into discrete events and provides an API for aggregating data from those events. This allows the user to create arbitrary and complex analyses of the state of managed memory in the Java Virtual Machine (JVM) represented by the garbage collection log.

Feb 2021 - Jun 2021
Software Engineer / Intel Corporation

- become a volunteer on Data Flow Facilitator for Machine Learning, its project to make it easy to generate datasets, train and use machine learning models, and integrate machine learning into new or existing applications. It provides APIs for dataset generation, storage, and model definition.

Education

Massachusetts, US
2021-2022

Computer Science (Take course)
Massachusetts Institute of Technology

Medan, Indonesia
2017-2020

Computer Science (Bachelor degree)
Universitas pembangunan panca budi

Skills

- Programming (C++, C, Python, Assembly)
- Critical thinking
- Language Skills (English, Bahasa)
- Creativity
- Active Listening
- Communication

Project

- **Luna [Artificial Intelligence]**
Project aim to make text to image generation with stable diffusion using tensorflow
Link Project: <https://github.com/slowy07/luna>
- **neuralPainting [Artificial Intelligence]**
Artistic image painting using neural network, transform image to painting.
Link Project: <https://github.com/slowy07/neuralPainting>
- **Helen [Simultaneous localization and mapping]**
Create SLAM project which aim to mining industry
Link Project: <https://github.com/slowy07/helen>
- **Mary [Artificial Intelligence]**
Make environment decision making in autonomous driving
Link Project: <https://github.com/slowy07/mary>
- **falcon-nine-RL [Artificial Intelligence]**
Make Implementation falcon and starship rocket recycle using Reinforcement learning
Link Project: <https://github.com/slowy07/falcon-nine-RL>
- **Aiden [Operating System]**
Create multitask operating system with pure assembly from AMD64 family
Link Project: <https://github.com/slowy07/falcon-nine-RL>