

Kamontat Swasdikulavath

kamontat.swasdikulavath@gmail.com | 509-609-7435 | <https://github.com/LastAeon77>

Education

Whitworth University | Spokane, Washington

BS Computer Science - Bioinformatics

GPA: 3.9

(Expected May 2023)

Experience

Shopify

Backend Software Developer Intern (Remote):

(May 2022 - September 2022)

- ◆ Created 15+ GraphQL backend features on Shopify platform using Agile methodology, improving performance and functionality.
- ◆ Assembled new features and test automation using Ruby and Typescript, updating delivery calculations API and algorithm, resulting in an increase in delivery time precision.
- ◆ Added instrumentation for performance measurement for up to 6 different API flows.
- ◆ Executed 5 different Black Friday performance projections by analyzing Shopify's database with SQL, resulting in successful preparation for the busiest shopping day of the year.
- ◆ Successfully merged 14+ working production pull requests, ensuring timely delivery of features and bug fixes.

Agoda Services Co., Ltd

Software Development Intern (Hybrid):

(June 2021 - August 2021)

- ◆ Lowered bad pitch leads from 40% to 23% by eliminating duplicate hotel entries in Agoda's potential pitch database using Python, Pandas, SQL, DBeaver, and Hadoop through data analysis and fuzzy searching.
- ◆ Researched the Agoda database to address problems such as using machine learning to predict future projections.
- ◆ Used data tools like Tableau to produce images for easier understanding of data.

Projects

Personal Project: [Aeonmoon - Full Stack Website](#)

(October 2020- present)

- ◆ Actively used by over 350+ registered users, more than 90+ decks generated.
- ◆ Developed a SaaS website to display "Library Of Ruina" data, allowing users to create over 90 decks and see game data.
- ◆ Parsed data from in-game files into PostgreSQL database. Relayed out data through the Django Framework to an API page. Added user authentication features to allow users to login, logout, and create decks.
- ◆ Installed PostgreSQL, backend Django service, Nginx, and frontend React.js service together in a docker.

Personal Project: [Discord bot "Malcute"](#)

(September 2020 - present)

- ◆ Rolled out on 20+ servers to over 19000+ people, directly acknowledged by game director.
- ◆ Devised a Python discord bot that allows way for users in a fan-made discord server to query 300+ different pieces of in-game information and perform miscellaneous tasks.
- ◆ Programmed using Discord.py. Initially query from CSV file, later query data directly from Aeonmoon Website and Google's Youtube RESTAPI. Currently running on Digital Ocean.

Personal Project: [Auto-maze navigator](#)

(February 2020 -March 2020)

- ◆ Engineered and produced a maze navigation C++ project.
- ◆ Developed using OpenGL, GLM, and Assimp. Coded logic for the ball to detect clash collision and react.
- ◆ Allowed a ball to navigate through a 3D maze automatically through state programming.

Skills

- ◆ **Programming Languages:** Python, SQL, Typescript/JavaScript, Ruby, C#, C++, HTML/CSS(UX/UI)
- ◆ **Frameworks/Databases:** MySQL, PostgreSQL, React, Next.js, Django, Ruby on Rails, Nginx, Microsoft Access
- ◆ **Technologies:** Digital Ocean, Amazon Web Services, Pandas, Excel, Linux, GitHub, DRF, Cloud, UNIX, GraphQL
- ◆ **Proficient Languages:** English and Thai