Kamontat Swasdikulavath

siris.mark@gmail.com | https://github.com/LastAeon77 | 509-609-7435

Education

Whitworth University, Spokane, Washington   **Expected Graduation**: July 2023
Major: Computer Science BS, Bioinformatics BS   **GPA**: 3.97/4.00
Course Work: Database Management, Advanced Algorithms, Networks, Bioinformatics Introduction

Work Experience

Partner Development Internship with Agoda Services Co., Ltd: (June-August 2021)

- ◆ Developed software and data analysis for Agoda, a hotel booking website.
- ◆ Utilized Python, SQL, Tablea, dBeaver, Hadoop, and Zoidberg for cloud computing
- ◆ Reduced bad pitch leads from 40% to 23%
- ◆ Negotiated with non-technical buisness people on their requirements for technical problems

Rat sleep cycle bioinformatics Analysis: (2021)

- ◆ Researching genes that are expressed in rats during it's sleep cycle to identify ones that could've triggered a homeostatic response

Academic Projects

Predator and Prey Simulation | C++   (2020)

- ◆ Simulated a predator and prey environment displayed onto an array through C++. The simulation data shows the balance between predator and prey in the environment.

Personal Experience

Library of Ruina fan made game   (2021)

- ◆ Self-taught to make a simple platform game parodying Library of Ruina
- ◆ Uses Godot as game engine and deployed on itch.io

Aeonmoon website   (2020)

- ◆ Constructed a website database for information relating to the game "Library of Ruina"
- ◆ Developed a PostgreSQL Backend using a Django Framework and Bulma as CSS. Employed vanilla JavaScript, HTML, with Django REST-API for the discord bot to utilize.
- ◆ Currently deployed on Heroku

Discord bot "Malcute"   (2020)

- ◆ Created a python discord bot used by 15+ server that pulls information from the Aeonmoon's API to display card/user-made deck information and does various other tasks.
- ◆ Originally hosted on Amazon EC2 recently moved to something.host Linux environment

Personal website   (2020)

- ◆ Created utilizing React.js as frontend and Firebase as backend
- ◆ Currently deployed on Netlify

Skills

- ◆ **Computer/Query Languages**: C++, Python, SQL, and JavaScript, HTML, Linux, Github
- ◆ **Databases**: MySQL, Access, PostgreSQL, sqlite
- ◆ **Proficient Languages**: Thai and English
- ◆ **Other**: Cloud computing, Data analysis with Pandas

Personal Awards

International Physics Youth Tournament Bronze Medal   (2019)

- ◆ In a team of five, solve complex physics problems and present them towards other international teams in a 10 minute PowerPoint presentation and debating as representative of Team Thailand

ICPC Whitworth competitor   (2020)

- ◆ Participated in a computer programming contest as a member of Whitworth University