First Last

myemail@gmail.com · mywebsite.com · github.com/mygithub

SKILLS

Languages: Python, C++ SQL, R, JavaScript, Java
Other: sklearn, TensorFlow, SQLite, React, Django, QT, PyQT, JUnit, OpenGL, Linux/Unix, HTML, CSS, Markdown,

EDUCATION

Bachelor of Science B.S., Data Science / Statistics   Top 30/50 School
GPA: 3.75   Expected Graduation Date: June 2022

PROJECTS

Live OCR Japanese to English   November 2020-Present
- Designed an OCR system with TensorFlow and UI with PyQT5 where users can translate JP-EN
- Experimented with [**list models here**] to get 99% accuracy on any Japanese character
- Verb technologies numpy, pandas, Google colab, jupyter

Voxel Engine   November 2020-Present
- Reconstructed a Minecraft-like engine in C++ modern OpenGL (using CMake and MinGW)
- Developed an OpenGL graphics pipeline from scratch
- Compiled in OpenGL's core profile with the glfw3, glad, glm libraries
- Implemented linear algebra for camera spaces and perspective projections
- Engineered meshing/culling algorithms to improve performance

Started and Maintaining a Website   October 2020-Present
- Focused on creating a functioning Django backend to host articles and project information
- 「**Metric Here**」
- Assembled with debian server, apache2, SQL, https

Anki addon: September 2020-October 2020
- Built an extension using Python for the popular flashcard app Anki.
- Incorporated enhanced sorting of cards to make review more efficient for the user
- Created database functionality by accessing user DB through SQLite
- Redesigned the UI through PyQT5

Fraction Calculator   October 2019-December 2019
- Programmed a complete fraction calculator in Java SE 8
- Developed an algorithm for handling multiple terms
- Incorporated with JUnit testing for all cases

EXTRACURRICULARS

Club 1:
- Developing a React application with a small team of four

Club 2:
- Implementing various machine learning models using various libraries
- Working on a small team to develop a machine learning application