Wai Zin Linn

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EDUCATION

B.S Computer Science and B.S Data Science
University of Wisconsin - Madison
📅 2020 - 2024

GPA
3.88 / 4.0

VOLUNTEERING

Computer Science TA
High school
📅 02/2019 - 05/2020   📍 Yangon, Burma

- Assisted with debugging students' codes from beginner level CS classes
- Helped review programming concepts that students are struggling with
- Graded homework, quizzes, and tests
- Collaborated with other TAs and teachers to maintain consistent lesson plans

Math and Burmese Teacher
Yangon Children Hospital
📅 09/2018 - 07/2020   📍 Yangon, Burma

- Taught math and Burmese, mainly focusing on 3rd and 4th grade, with the focus of ensuring free and quality education for children who can't afford to go to school or are hospitalized and risk falling behind with school lessons
- Hosted birthday party and gave out presents to birthday boys/girls at end of each month
- Planned out the lesson plans, print worksheets, and buy supplies for the school
- Read stories or trivia books of their choosing before start of the lesson

SKILLS

English (Fluent)   Chinese (Intermediate)

Burmese (Fluent)

PROJECTS

Hospital App
📅 10/2021 - 11/2021   📍 Madison, Wisconsin
Back End Developer (utilized Java)

- Add hospitals in a red-black tree, print out list of hospitals in a city that user has searched for, search for the average covered charges of hospital when typed in the name of a hospital, and search for the address of hospital when typed in the name of hospital
- Tested using JUnit test

PROGRAMMING LANGUAGES

Java
Proficient
●●●●○

Python
Advanced
●●●○○

R
Advanced
●●●○○

HTML
Intermediate
●●○○○

CSS
Intermediate
●●○○○

Bash
Advanced
●●●○○

Vim
Advanced
●●●○○

PROJECTS

Analysis of suicide rate in 21st century
📅 03/2021 - 05/2021   📍 Madison, Wisconsin
Project for Data Modeling class (utilized R)

- Clean the data set from Kaggle
- Calculated regression model for the relationship between countries' GDP and their suicide rate then drew a regression plot
- Calculated average suicide rate for each age group and display the results in a bar graph by categorizing each age group with different colors
- Wrote short paragraphs explaining my findings, potential shortcomings, and future directions

Song Search App
📅 09/2021 - 10/2021   📍 Madison, Wisconsin
Front End Developer (Utilized Java)

- Created an UI that can insert new song into database, search for song titles by words in those title, search for artists by words in their song titles, display years of songs with word in title as histogram, and quit the interface. Tested the front end code using TextUITester which can generate user input

AWARDS

🏅 **Dean's List**
UW-Madison (2021)

⭐ **Best Robot Performance**
Myanmar STEM competition (2019)