David Ludington

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Education

Junior at Loyola University Chicago
Bachelor of Science in Computer Science,
GPA: 3.83/4

Experience

Loyola University Chicago - Writing Center Tutor   **Chicago, IL** *August 2022 – Present*

- Conduct individual meetings with students to help improve their writing skills and become more effective and confident writers. Helped ~60 clients throughout my time at the WC and have been rated veryhighly via our post appointment feedback google form

Loyola University Chicago - Fitness Supervisor Lead   **Chicago, IL**   *May 2023 – Present*

- Lead a staff of ~50 fitness supervisors through training and monthly meetings. In my role, I create and ensure that the schedule aligns with the class schedule of our staff and have a direct role in decision-making for the Campus Recreation facilities while gaining management experience.

Loyola University Chicago - Fitness Supervisor   **Chicago, IL** *January 2022 – Present*

- Oversee and maintain recreational spaces ensuring students and patrons alike are in a safe and inclusive environment.

Research

Loyola University Chicago - Test Effectiveness   **Chicago, IL** *Febuary 2024 – Present*

- This project aims to extract metrics from open-source projects on GitHub over their lifetime. Using the metrics gathered from the various commits we can determine how and to what extent the developers tested the code they wrote as the project progressed. I am currently working on using the PRIME command line tools to extract repo metrics.

Loyola University Chicago - Doyle Living Systems Laboratory   **Chicago, IL** *April 2023 – July 2023*

- This project was initiated by my professor Drs. William Honig, Konstantin Laufer, George K. Thiruvathukal in 2019; I was brought on in 2022 to continue the development of this project. I worked on getting an instance of Home Assistant on a virtual machine

Projects

Mock Schedule builder for Halas

- I started this project because I saw a need for a way to take employees' availability and create a schedule within the open hours of my school recreation facility: Halas. This was intended to make my job easier as this is one of my primary responsibilities.

Snake Game

- This was a personal project that was used as a way to gain familiarity with C++ and the Raylib library and all of its capabilities. It is a recreation of the popular snake game.

Image to Ascii art

- This is a python script that takes in a .jpeg image in as an input and outputs a textfile containing an image created by using ASCII symbols

Portfolio Website

- This website built from scratch in the hopes of learning the basics of front end development and to show off the projects I have worked on

Skills

Java, C/C++, Git, Html/CSS/JavaScript (basic)