Zhaoyang Lu

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EXPERIENCE

Nomikos. Inc(Start-up), NY— Software Developer(Intern)

September 2022 - November 2022

- Participate in front-end development and UI design for Surmiza's product
- Work with the team to build the Surmiza website
- Develop a pop-up function that appears when certain text on the website is highlighted

EDUCATION

University of California Irvine, CA— Bachelor of Science

Fall 2017 - Winter 2019 + Winter 2022 - Winter 2023(Estimated)
Current GPA: 3.1 / 4.0
Major: Informatics

SKILLS

Intermediate level of Python:

Tkinter, BeautifulSoup, Matplotlib, Seaborn, Pandas

Beginner level of Java

Javax

Beginner level of HTML

Beginner level of CSS

Beginner level of JavaScript

Angular, bootstrap

Beginner level of git

Projects:

Messenger Simulator:

- Use Python to develop a Messenger simulator
- Create a graphical user interface (GUI) for the simulator using Tkinter
- Implement a feature that allows the user to switch between online and offline status
- Enable the user to add new friends to their contact list
- Implement functionality that allows the user to receive messages from their friends
- Add the ability for the user to send messages to their friends through the simulator

Distributed Social:

- Use Python to create a terminal-based application
- Implement functionality that allows users to create an account
- Integrate the LastFM API to retrieve music data
- Integrate the OpenWeather API to retrieve weather data
- Provide functionality that allows users to select which data to store in a local file
- Store the selected data in the desired local file format

Notebook:

- Use Java and Javax to create a notebook application
- Implement a graphical user interface (GUI) to provide an intuitive user experience
- Enable users to take notes and store them in the application
- Allow users to set a due time for each note
- Provide functionality that allows users to mark notes as finished
- Trigger a notification when a note is finished to alert the user.

InstagrammersReader:

- Use Java to create an application that can read CSV-formatted files
- Implement functionality that allows the application to read a file containing top Instagrammers' data
- Develop a system to filter Instagrammers based on the conditions required
- Provide options for sorting and displaying the filtered Instagrammers in a clear and organized way
- Allow users to easily search for specific Instagrammers based on different criteria.