YU WAN

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EDUCATION

University of Illinois at Urbana-Champaign   GPA: 3.82/4.00

Major: Computer Science & Economics   FA19-FA20 Dean's List member

Minor: Statistics   Expected Graduation: Dec 2021

Relevant coursework: System Programming, Database System, Data Mining, Computer Architecture

SKILLS

· Programming Language: Java, Python, C++, R, SQL

· Software: VSCode, MySQL, Neo4j, MongoDB, Git, R Studio, Android Studio, Tableau

· Language: Mandarin(native), English(fluent)

PROJECT EXPERIENCES

E-sport Data Analysis Mobile Application (Java, Android Studio)   *Sept —Dec 2020*

· Integrated an Android application with crawled Esports data from official website and data analysis function

· Implemented the MySQL connection using servlet with experience (Tomcat Server as web server and AWS as database platform)

· Conducted a full developing process of mobile application and related environment setting

· Guided several technical discussions related to team's application

Machine Learning Project (python, Jupyter Notebook)   *Apr—May 2020*

· Designed and implemented an individual python program to classify handwritten digits.

· Applied Machine Learning algorithms, including: Stochastic Gradient Descent, Adaptive Moment Estimation.

· Built a classification model with accuracy of 91%.

Lease Search Application (JAVA, Android Studio)   *December 2018*

· Programmed android application to integrate leasing resources around campus.

· Utilized Google Map API to develop function of displaying building locations.

· Practiced skills in Object-Oriented Design.

CAMPUS ENGAGEMENT

Association for Computing Machinery at UIUC   **Champaign, Illinois**

Active Member   *August 2018 — Present*

· Participated in the Association of Data Science and Analytics

Illinois Leadership Center, IGNITE   **Champaign, Illinois**

Active Participant   *Oct 27th, 2018*

· Participated in a leadership program focusing on changing community through systems thinking and coalition building

ACADEMIC ACHIEVEMENTS

· Euclid Mathematics Contest Top 5%   *March 2017*

· Certificate of achievement of The Mathematics League   *April 2016*