YU WAN

yuwansz2000@gmail.com | 1101-C 708 6th Street. Champaign, IL | (217) 693-8853

EDUCATION

University of Illinois at Urbana-Champaign — GPA: 3.80/4.00

Major: Computer Science & Economics — Dean's List for FA 2019/SP 2020

Minor: Statistics — Expected Graduation: Dec 2021

Relevant coursework: Database System, Data Mining, Data Structure, Linear Algebra, Algorithm Design

SKILLS

· Programming: Java (Intermediate), C++ (Intermediate), SQL (Basic), Python (Basic)

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

CAMPUS ENGAGEMENT

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

Active Member — *August 2018 — Present*

· Participated in the Association of Data Structures and Analytics

· Enhanced skills in problem solving and complexity analysis.

· Evaluated the features of relational databases and non-relational database.

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

· Collaborated with peers to brainstorm strategies to improve the tutorial for Special Interest Group of Game Developer

PROJECT EXPERIENCES

Machine Learning Project (python, Jupyter Notebook) — *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.

ACADEMIC ACHIEVEMENTS

· Euclid Mathematics Contest Top 5% — *March 2017*

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

· High School Mathematical Contest in Modeling, Honorable — *November 2015*