Junhui He

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EDUCATION

Carnegie Mellon University, Pittsburgh, PA — May 2021
B.S. in Information Systems
Double Major in Human Computer Interaction
GPA: 3.57/4.00 (Dean's List: Spring 2018, Fall 2017)

RELEVANT COURSEWORK

Parallel and Sequential Data Structures and Algorithms
Principles of Imperative Computation
Functional Programming
Application Design and Development
Database Design and Development
Matrix Algebra
Regression Analysis
Algorithm Design and Analysis
Human AI Interaction

TECHNICAL SKILLS

Programing: Python, Ruby, HTML, CSS, SQL
Hardware: Camera, Switcher
Language: Mandarin Chinese (native), English, Cantonese (Moderate)

Academic Projects

67262 Final Project – Business Analysis on a mobile food delivery app, UberEats

- Perform a business analysis on a UberEats
- Identify strength of the application and its core values
- Create a database in SQL simulating the core business of UberEats
- Make several interactions between the database and users

67272 Project – Web Application of a bakery

- Deploy Ruby on Rails on an imaginary bakery shop project
- Identify the business core value of a bakery
- Design great user interaction with design principles on the bakery
- Make proper API and documentation of the database

LEADERSHIP EXPERIENCE

Racism Seminar - Educational Inequality in Pittsburgh, CMU — February 2018 – May 2018

- Led a group of 6 to research about educational inequality in Pittsburgh and determine if it has broader implication to the world
- Collaborate with GLPC, local education institute, to learn about how language deficient students view education inequality
- Utilize internet and showcase the final report on a website

EXTRA CURRICULAR ACTIVITIES

cmuTV, vice president, CMU — February 2018- Present

- Filming and live streaming CMU buggy during CMU spring carnival
- Documenting several student events or university events
- Collaborate with other clubs to control lighting condition and musical effects for best filming and streaming condition