

# Wang, Zian

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## EDUCATIONAL BACKGROUND

**School of Computing and Information, University of Pittsburgh** 01/2021-Present

- **Major:** Information Science
- **Degree:** Master's Degree
- **Current GPA:** 3.964/4.0

**School of Artificial Intelligence, Hebei University of Technology** 09/2016-06/2020

- **Major:** Computer Science and Technology
- **Degree:** Bachelor's Degree
- **Overall GPA:** 3.43/4.0
- **Second Major:** Information and Computing Science

## RESEARCH EXPERIENCES

**CAASI Allegheny County Policing Project** 08/2021-Present

- A project that aims to make police contracts more transparent to the people.
- Working as a technique team member in Dr Yuru Lin's PISCO lab of the University of Pittsburgh, responsible for building the police dept map, and display the data.
- Gained full-stack development experience.

**A Steel Price Analysis System based on Data Visualization (Graduation Project)** 01/2020-05/2020

- Design, code, test, and complete independently throughout the process
- Crawl the necessary price data from public websites
- Build and use ARIMA model to analyze and predict the prices of steel in a short period of time in the future

**BIM-based Intelligent Building Cloud Platform** 11/2017-06/2018

- Participated in the design of database and the construction of database architecture
- Responsible for the preparation of data presentation page and other technical work
- Collected the data required by the project and checked and processed the project data

**Visual Analysis of Global Game Sales Data from the 1980s to the Present** 05/2019-06/2019

- Conducted visual analysis of the sales data of global top five game manufacturers in each year by using Tableau
- Gained information about the changes in top five game manufacturers in the world and the changes in sales data of vendors

## INTERNSHIP

**Aurora Mobile Limited, Shenzhen, Guangdong | Basic Data Department Intern** 07/2019-08/2019

- Responsible for updating the app information with no tags in the Hive library, tagging them and putting them into storage
- Learned the cutting-edge technology of data mining and big data analysis
- Got a better understanding of how to mine the wanted data in the data warehouse and how to classify it

## EXTRACURRICULAR ACTIVITIES

### Volunteer Activities

**Member of Volunteers Association for Rare Diseases in Hebei University of Technology** 09/2016-09/2017

- Accompanied the children with rare diseases in the ward
- Responsible for the making of publicity materials of the association

**Summer Social Practice in the Old People's Home and Microsoft Game Innovation Center** 07/2017

- Visited local villages, accompanied old people in recreational activities in Chongli County, Zhangjiakou, Hebei and investigated local government policies and the impact of the 2022 Winter Olympics on local production and life
- Visited the Microsoft exhibition area, communicated with the staff on the innovative methods and learned their innovation and entrepreneurship experiences in the business salon activities

## Campus Activities

### **Director of Sports Department in the Student Union**

09/2016-09/2018

- Guided department members to organize the Basketball Game and Brisk Walking activity
- Engaged in schedule and venue arrangement of School Sports Meeting and University Sports Meeting and organized athletes to participate in the competitions in time and the spectators to watch the games

### **Lecturer on Computer Knowledge in Computer Network Association**

09/2016

- Explained computer hardware, computer assembly and computer purchasing knowledge for students attending the lecture and answered related questions

## HONORS & AWARDS

Second Prize in the National College Students E-Commerce Innovation, Creativity and Entrepreneurship Challenge 10/2018

Third Prize in "Internet" College Students Innovation and Entrepreneurship Competition 10/2018

Second Prize in "Creating Youth" National College Student Entrepreneurship Competition 10/2018

Group Special Award in Hebei University Student E-Commerce Innovation, Creativity and Entrepreneurship 04/2018

Championship of Youth Go Match in Shijiazhuang, Hebei

10/2012

## OTHERS

**Language Skills:** Chinese (native), English (CET-4, CET-6, TOEFL 98, GRE 320)

**Programming Skills:** C++, R, Java, Python, C, MATLAB, SQL, Hive, JavaScript (React)

**Certificate:** National Computer Rank Examination (Level-4)

Go Grading-Five Certificate (Highest Rank in Hebei Province)