

Hangxiao Zhu

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Education

- 08/2019—05/2022 Bachelor of Science in Computer Science & Engineering, GPA:3.85
The Ohio State University, USA
- 08/2017—07/2019 Bachelor of Science in Communication Engineering,
Hefei University of Technology, China (Transferred to OSU)

Honors

- Graduate with “Magna Cum Laude” Latin honor 05/2022
- The Dean's List, The Ohio State University -- Autumn 2019, Spring 2020, Autumn 2020, Spring 2021, Summer 2021, Autumn 2021
- College-level Silver Award • Hefei, Anhui -- The 4th China College Students' 'Internet +' Innovation and Entrepreneurship Competition 06/2018

Internship

- HP Tech Ventures
Time: 01/20/2021—03/22/2021 Position: Corporate Venture Capital and Business Analyst
- In recognition to source startup information and data for potential investment as well as determine which startups HP should pursue a meeting with;
- Researching startup data by using platforms such as Crunchbase; using data cleaning methods and tools, such as OpenRefine; calculating and analyzing data: using Excel and SQL to find summary values and trends; and recommending attractive startups for further investment due diligence;
- Practiced applying computer science in the business field.

Projects

- An interface used in SimPi box based on Raspberry Pi 01/2022 – 04/2022
- Worked in a 4-people group to develop and refine an interface used in SimPi box based on Raspberry Pi that can supplement simulator functions or enhance simulation environment in the CSE 5911 course;
- Responsible for designing the client side functions;
- Used the tech stack of HTML, CSS, JavaScript, Python.
- Repository: <https://github.com/Reinhardt23/SimPi>
- “Core Language” 08/2021 – 12/2021
- Designed a new simple imperative programming language “Core Language” based on Java in the CSE 3341 course;
- This project can take “Core language” text file as input and parse them into runnable instructions.
- Repository: <https://github.com/Reinhardt23/CSE3341.git>

- **Fictitious Company Database Setup** 05/2021 – 07/2021
 - Worked in a 3-people group to set up a database for a fictitious company in the CSE 3241 course;
 - Formulated a detailed description of the DB design and functions, relational database architecture, entity relationship diagrams, SQL code, data, and other DB components.
- **A Monogame Remake of The Legend of Zelda** 01/2021 – 04/2021
 - Worked in a 5-people group to develop and refine the 2D game application A Monogame Remake of The Legend of Zelda in the CSE 3902 course;
 - Responsible for designing the map of the game and the operation instructions in the project;
 - Used the tech stack of C#, JSON, .NET.
 - Repository: https://github.com/Reinhardt23/LoZ_CSE3902.git

Extracurricular Activities

- **The Ohio State University HACK OHI/O** 11/2021
 - Our group challenged the problem raised by the Veeva Systems company: Build a web app that can take prescriber data for doctors to build out trending and targeting reports;
 - Made use of Sreamlit which is based on Python to visualize the data;
 - Attempted to build a ideal predict model to predict future trends in medicine with several methods, including Linear Regression, K-Means, and Decision Tree.
 - Repository: <https://github.com/Reinhardt23/VeevaSystem.git>
- **The Ohio State University HACK OHI/O** 11/2019
 - Our group designed a software to help students select the club with the right time for the students who want to join the club;
 - Used Web Crawler to crawl data, including time and location of OSU club activities, from the Student Organization Website of OSU;
 - Made use of Azure Machine Learning to design a machine learning model to recognize time and dates in various formats.
- **The 4th China College Students' 'Internet +' Innovation and Entrepreneurship Competition** 02/2018-06/2018
 - Won the prize of College-level Silver Award • Hefi, Anhui;
 - Worked as the team leader in the project "Standardization and Application of Ecological Farm Products based on Shuangma Ecological Farm";
 - Responsible for designing a basic web page to display the agricultural products and other related sales information by using HTML5, CSS, and Javascript.

Competence

- JAVA Python Swift C