

Jinheng Zhang

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Education Background

Washington University in St. Louis

09/2022— Present

Major: Computer Science

Degree: Master of Science

GPA: 3.72/4.0

University of Delaware

01/2019--12/2021

Major: Computer Science

Degree: Bachelor of Science

GPA: 3.63/4.0

Major GPA: 3.71/4.0

Main Courses:

DATA STRUCTURES, MACH ORGANZTN & ASSEMBLY LANG, AUTOMATA THEORY, INTRODUCTION TO ALGORITHMS, PARALLEL COMPUTING, OPERATING SYSTEMS, DATA MINING, MACHINE LEARNING

University of Delaware (English Language Institute)

08/2018--12/2018

English Certificate at the Advanced Level

Research & Course Design Experience

Socially Responsible AI Lab

06/2021

Volunteer for Research

- Prepared for the coming research work
- Read relevant academic papers and learned required AI knowledge

A Game of Garden Design (course design)

09/2020--12/2020

- Completed a game using Java, which can help the users design their own gardens

A Chrome Plugin for Recording News Browsing Data (course design)

02/2021--05/2021

- Team leader, assigned tasks, monitored the project progress and communicated with clients
- Responsible for front-end design using javascript, html, css and jquery

Internship Experience

Beijing Goharston Technology Co., Ltd.

07/2019 – 09/2019

Intern System Integration Pre-Sales Engineer

- Designed and wrote the audio/video system integration schemes based on customer demands
- Responsible for preparing and illustrating bidding document according to project requirement
- Provided technical training to customers and answered their technical inquiries

HUAWEI Technologies Co., Ltd. Hebei Representative Office, China

02/2022—05/2022

Software Engineer

- Targeted optimization of single-point algorithm performance will increase the maximum concurrency by 12%
- Research, design and verify terminal equipment big data mining algorithms and solutions

Teaching Experience

Teaching Assistant of Course 434S - Reversing Engineering

01/2023 -- 05/2023

- CSE434 is mainly about exploring reverse engineering techniques and tools, focusing on malware analysis.

Teaching Assistant of Course 435S – Database Management

07/2023 – Present

- CSE435 is mainly about the design theory for databases development and various tools that are utilized to apply the theory. Integrity and security requirements are studied in the context of concurrent operations on a database, where the database may be distributed over one or more locations. The unique requirements for engineering design databases, image databases, and long transaction systems are analyzed.

Honor

University of Delaware

Honor Student of Year 2019,2020,2021

2019--2021

Professional Skill

Java, Python, C, javascript, html, css, jquery