Han Wang

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Education

University of Wisconsin Madison
- B.S in Electrical Engineering and Computer Science (Class of Fall 2020)
  - GPA: 3.6
  - Dean's Honor List

Key Skills

- C++
- Python
- SQL Server
- MATLAB
- Web Development
- Java
- Optix
- HPC
- MPI
- ML
- Adaptability
- Reverse engineering
- Teaching
- Public speaking
- Collaboration
- Time Management
- Patience
- Data Visualization
- International Relations
- Attention to details

Experience

Simulation Based Engineering Lab
Madison, Wisconsin
Dec 2018 - Present

Undergraduate Researcher
- Developed sensor module in open source Project Chrono.
- Incorporated computer graphics techniques to improve simulation realism
- Implemented fundamental programming concepts including data structures,object oriented programming, reactive programming, unit tests.

Computer Engineering Lab
Madison, Wisconsin
Jan 2017-Dec 2018

System Admin
- Revamped Matlab programs to C++.
- Designed methods to import data from sister server into local database.
- Ensured that server hardware, operating systems, software and procedures aligned with organizational standards.

XYZ Printing
Tainan, Taiwan
May 2018 - Aug 2018

Software Engineer Intern
- Created a user tracking system, linking user profile with database.
- Implemented new database and software module for new engineering process.
- Introduced products at weekly seminars to new users.

Leadership

Small Group Leader, *Intervarsity*
Led weekly group discussion on challenging topics

Event Coordinator, *Taiwanese Student Org*
Organized events to promote Taiwanse culture

Undergraduate Teaching Assistant, *UW-Madison*
Assisted in maintaining learning environment in weekly discussions

Band Piano Player
Weekly performances in front of 150 people