

Hexin Jiang

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EDUCATION

Haverford College (Cumulative GPA 3.96)

B.S. in Computer Science

Haverford, PA

Expected May 2025

RELEVANT COURSEWORK

Algorithms, Data Structures, Operating Systems, Computer Hardware, Linear Algebra

TECHNICAL SKILLS

Programming Languages: Java, Python, C++, HTML, CSS

Developer Tools: PyTorch, TensorFlow, Github, Docker, Visual Studio, Greenfoot

WORK EXPERIENCE

AI Model Development Internship | Python, PyTorch, TensorFlow, Docker

IntelliFusion Technologies

ShenZhen, China

Jun 2023 - Aug 2023

- Used PyTorch, TensorFlow and Docker to train and optimize object detection models
- Integrated and finetuned pretrained image segmentation models (SAM, FastSAM) with input prompts
- Drove cross-team collaboration with Data Collection and Labeling teams for high quality training data
- Developed models used for petroleum leak detection, garbage overflow detection, and more
- Improved accuracy by 20% and significantly lowered false positives

Undergraduate Teaching Assistant | Intro to Programming

Haverford College

Haverford, PA

Aug 2023 - Present

- Collaborated with computer science professor on grading weekly homework and exams
- Helped students tackle challenging problems, gave constructive criticisms and suggestions
- Gained solid expertise on data structures and algorithms

PERSONAL PROJECTS

Checkers | Java, Github, Greenfoot | [Github link](#)

Haverford College

Haverford, PA

Oct 2023 - Nov 2023

- Built digital Checkers game from scratch
- Created a responsive and intuitive user interface on Greenfoot
- Embedded rules and win conditions for a cohesive 2-player experience

Quarto | HTML, CSS, Java | [Github link](#)

Haverford College

Haverford, PA

Apr 2023 - May 2023

- Built digital Quarto game using Java
- Coded my own AI player for Quarto and embedded the project on school website
- Served as TA and helped students in class to build their own AI players
- Organized Quarto Tournament for all AI players built by students

LEADERSHIP

Rock Band

Oct 2022 - Present

- Founder and lead guitar in "Spilt Milk"
- Coordinated rehearsal time and location, scheduled gigs, managed social media

Acapella

Aug 2022 - Present

- Assistant pitch (leader) for the Haverford College 'Ford S-Chords
- Led sectionals, arranged music, prepared rehearsals

LANGUAGES

English (Fluent), **Mandarin** (Native), **Spanish** (Intermediate)