

# XINQI XIONG

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Honolulu, HI  
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## EDUCATION

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**B.S. in Mathematics** May 2024  
*The Ohio State University* (Columbus, OH)  
Major: Mathematics      Double Major: Data Analytics(pre)      GPA 4.0  
*Sacred Hearts Academy* (Honolulu, HI) May 2020  
Diploma with Honor

## SKILLS

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- Python, Java, JavaScript, Microsoft Excel, Microsoft Access, Deep Learning

## COURSEWORK

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Programming Java; Software I; Python for Everybody Specialization; Build a Data Science Web App with Streamlit and Python; Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning

## EXPERIENCE

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**Ohio State University Raghu Machiraju Lab** Oct 2020 – Now  
Student Assistant

- Converting annotation files in JSON between different annotation software (Labelcoach, Qupath, HistomicsTK) using Python.
- Developing brush/magic wand annotation tool, gallery annotation images viewer in HistomicsTK using JavaScript.
- Implementing nuclei feature dictionary.
- Building a deep learning model to detect and classify nuclei cell.

**AWS DeepRacer Hawaii Team** Jan 2021 – April 2021  
Volunteer assistant Coach

- Assistant coaching high school students programming and reinforcement learning knowledge to train a simulated autonomous car.

**High School Math Club** Oct 2019 – May 2020  
Vice President

- Found and led a school math club as vice president.
- Organized and held the monthly meeting.
- Won top 3 in state math contest.
- Tutored students to attend the state math contest.

## POTENTIAL RESEARCH INTEREST

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Math + CS + X: data science and deep learning in multidisciplinary applications.