

# Linlin Xia

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Division of Computational & Data Sciences  
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## EDUCATION:

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**Ph.D.** in Computational and Data Science August 2022 --- Present  
Washington University in St. Louis

**B.S.** in Data Analytics August 2018 --- December 2021  
The Ohio State University  
(*magna cum laude*)

## RESEARCH EXPERIENCE:

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**Research Assistant** May 2020 --- January 2022  
*Computational Medicine Lab, The Ohio State University*

- Assist with creating a new clinical trials database as the basis for three researches in Lab
- Updated the website X-Death for network visualizations of Gene pathways by using R Shiny
- Built the application SCNrank, which has multiple uses for cancer patients
- Assistant to Professor Lijun Cheng, conducting primary and secondary source research

**Research Assistant** March 2021 --- August 2021  
*Big Data Research Centre, The Chinese University of Hong Kong*

- Designed and built an application website for students to submit application materials
- Cleaned up various data and subdivided students into distinct sets by using MySQL
- Visualized admission information of previous ten years by using Tableau and D3

## TEACHING EXPERIENCE:

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**Teaching Assistant** Spring 2020, Fall 2020  
*Course: Introduction to Computer Programming in Java*

*Department of Computer Science & Engineering, The Ohio State University*

- Graded assignments and tests for about 100 undergraduate students
- Led a weekly lab session for a subset of 25 students
- Interacted with students during weekly office hours

**Teaching Assistant**

Spring 2021, Summer 2021, Fall 2021

*Course: Software I*

*Department of Computer Science & Engineering, The Ohio State University*

- Assist students with the development of best software practices in Java and HTML
- Hold office hours, graded assignments, and mentored a core of 100+ students
- Supervised 11 practical labs for 4 semesters each

**HONORS AND AWARDS:**

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- Veeam Software Endowed Scholarship in Data Analytics, 2020 Spring – 2021 Fall
- Dean's List Scholar, The Ohio State University, 2018 Fall – 2021 Fall

**PUBLICATIONS:**

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Manuscripts in Progress and Under Review:

Birkan Gokbag, Linlin Xia, and Lijun Cheng. "SCNrank: prioritization of cancer therapeutic targets based on CRISPR-Cas9 screens."