

Yidi Liu
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Education Background

University of Utah, School of Computing, UT SLC Aug.2024-In Progress

Major: SCI PhD

GPA: N/a yet

University of Utah, School of Medicine, UT SLC Jan.2023-May.2024

Major: Biomedical Informatics, Bioinformatics Track, Master

GPA: 3.942

Student Position: Student Representative

University of Utah, School of Computing, UT SLC Aug.2019- Dec.2022

Major: Computer Science, Bachelor

GPA: 3.843

Shanghai Normal University, Shanghai China Sept.2015-June.2019

Major: Biotechnology, Bachelor

Working Experience

East China Normal University, Shanghai China March.2019-June.2019

Teaching Assistant, Executive Development Programs Center, 32 hr/week

- Responsible for event preparation and coordination, international speech givers reception, and intro before lectures.

University of Utah, Utah Aug.2024-In Progress

Research Assistant, SCIENTIFIC COMPUTING AND IMAGING INSTITUTE

- [To be added when good results are produced]

Research/Project Experience

[To be added when good results are produced]

Cotiviti Practicum Project, Data mesh application evaluation project May.2023-May.2024

Technology Solutions Analyst, 20 hr/week

- Worked with data mesh solution providers including Snowflake, MongoDB, and Amazon AWS to provide a parallel evaluation report of their applications as solutions.
- Explored Amazon DataZone and deployed a data mesh demo connected with AWS storage units for example AWS Redshift and S3 bucket.
- Though this developed into an internship from a practicum project, it was still mostly project-based.

University of Utah, Computer science capstone project Aug.2021- May.2022

- Worked in a group to design, implement, and published a web app for communication between landlords and tenants
- Worked as a frontend group member to design and implement UI, and also implemented the API to communicate with the backend

Publications/Service/Professional Affiliations

[To be added when good results are produced]

Fellowship

University of Utah, School of Computing, SCI Aug.2024-Dec.2024

PhD Student Fellowship

Skills

Biology related skill: NCBI; Bioinformation Tools such as DNA club, Clustal, RasMol, MACAW, anthewin, RNA structure and DNASTar; Biology Equipment such as biosafety cabinets, (electron) microscope, plant culturing cabinet and basic biology experiment tools.

Computer-science related skill:

LAST EDITED:Dec.1st 2024

Removed all non-academic contents

Programming/algorithm skills, ability of adapting to new languages, database(SQL/LINQ), machine learning basics

Informatics related skill: Data Wrangling, Data Visualization, Data Science, probability and statistics basic

Languages:

Programming language: C/C++/C#/Java/Javascript(Nodejs/React)/Plait/html/R

Spoken Languages: English, Mandarin Chinese.