

XIAOXIAO LIU

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EDUCATION

Stony Brook University, Stony Brook, NY

Jan 2017 – May 2020 (Expected Graduation Date)

B.S. Computer Science

B.S. Applied Mathematics and Statistics

- GPA: 3.33 / 4.00

SKILLS

- Java
- Designing relational databases
- Using and designing framework
- JavaFx
- Assembly language
- Multithreading
- Python
- SML

RELEVANT COURSES

- Principles of Database Systems (SQL, Relational Databases)
- Analysis of Algorithms
- Data Structure
- Finite Mathematical Structures
- Computer Science III (Java Fx, Multithreading)
- Artificial Intelligence
- Computational Theory
- Scripting Language (Python, Perl, Web Programming)
- Survey of Probability and Statics
- Systems Fundamentals I

PROJECTS

Online auction house, *Principles of Database Systems, Fall 2018*

- Design **E-R** and relational models for the database supporting backend of the web site.
- Develop user interface utilizing **Javascript, HTML**, and **CSS**.
- Generate database server and manipulate it with **MySQL**.
- Utilize **Java, JDBC** for connectivity between the user interface and database server.
- Determine the relationships among tables.
- Design bidding proxy and implement queries using **SQL**.

goLogoLo, *Computer Science III, Summer 2018*

- Built an editor for user design their logos.
- Utilized frameworks (e.g. DesktopJavaFramework, jTPS, a framework for undo/redo transactions, and propertiesManager) to build this project.
- Utilized CSS to manipulate user interface.
- Utilized XML to manipulate the language of the interface.

PROFESSIONAL EXPERIENCES

Teaching Assistant of Computer Science III, Richard McKenna

- Prepare materials for professor
- Solve students' problems with the course material and project.

Stony Brook, NY
08/2018 – 12/2018

Bakery Owner

- Designed and baked breads, desserts, cookies, cakes daily.
- Sold those products online.

Chengdu, China
11/2014 – 08/2016
01/2015 – 06/2017