

Zechong Yan

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Education

University of Massachusetts Boston, Boston, MA

May 2022

Bachelor of Art: Computer Science

Relevant Coursework

Introduction to Software Engineer

Introduction to Operating Systems

Advanced Data Structures and Algorithms

Introduction to the Theory of Computation

Computer Architecture and Organization

Applied Discrete Mathematics

Technical Skills

- **Platforms:** Mac OS, Linux systems, Windows 10
- **Languages:** Python, Java, C, R, C++, HTML, CSS, SQL
- **Skills:** Object-Oriented Programming, Scripting/Automation, Data Science, Database Management
- **Development Tools:** Sublime Text, Visual Studio, GitHub, Unity, Popsql, Sql server

Related Course Project Experience

University of Massachusetts Boston, Boston, MA

Smart Watch Project, *Introduction to Software Engineer*

Nov 2022

- Uses device's APIs/libraries to fetch the sensor data, store it under an atSign.
- Tracked and owned and displayed the data by the atSign owner.
- Worked as a team to develop an app on an apple watch or a fitbit device.

Machine Project, *Computer Architecture and Organization*

April 2022

- Build a LINUX version of a monitor program that reads, compiles, runs, understands, and modifies a C program.
- Use the Virtualized SAPC environment to debug the SAPC version of the monitor program.
- Display memory locations, memory set, etc.

Infection and Vaccination Rates Research, *Probability and Statistics I*

Nov 2021

- Worked as a team in R, by descriptive and inferential statistics, numerical and categorical statistics, modeling, low-medium sample sizes, and mathematical computations.
- Determine how vaccination rates affect unemployment rate, infection rates, death rates in Massachusetts and Neighboring States.

Company Database

Aug 2022

- Created an example company database with multiple tables of lists of employment.
- Connecting all employments and clients though different branches.

Objective

- Quick learner who thinks outside of the box to get results whilst leveraging resources to complete tasks.
- Excellent project management and communication skills.
- Highly motivated with excellent organization and interpersonal skills.

Other Work Experience

Sep 2018 – Dec 2020

BCNC North Quincy, MA

Boston neighborhood Leadership program

- Building strong leadership skills.
- Helped, served and involved in Asian American activities in the Boston neighborhood.

Skills

SAI

Photoshop

Microsoft Office Suite

Mandarin