**Xinwei Cao**

Boston, MA • (617) 686-7514 • cao.xinw@northeastern.edu

SUMMARY

Engineering graduate student with an understanding of general software development, database skill, automatic testing software. Skilled at working with others, hardworking, and knowledgeable of the overall software design cycle. Interested in a development position utilizing Java, Python.

EDUCATION

**Northeastern University, Boston, US**

***Master of Science in*** *Information System*s Expected December 2022

Relevant Coursework: Application Engineering and Development, Web Design and User Experience Engineering, Data Science Engineering, Program Structure and Algorithms

**Wuhan University of Science and Technology, Wuhan, China**

***Bachelor of Engineer in*** *Computer Science and Technology* June 2017

WORK EXPERIENCE

**Beijing Huohe Technology Co Ltd**, *Software Test Engineer* March 2019- December 2019

* Tested the intelligent lock Apps in terms of the functionality, performance, compatibility, etc.
* Wrote scripts to help process automate testing in Python

**Shenzhen Hebao Financial Consulting Co Ltd**, *Software Test Engineer*  July 2017-January 2019

* Used the database to complete the work
* Test extreme cases with automatic testing tools
* Got familiar with database and Linux operation

ACADEMIC PROJECTS

**Northeastern University, Boston, US**

*System of Traveling During Covid-19*  March 2021 - April 2021

* Applied programming competency in Java and MySQL
* Operated it easily with visual interface

*Database of Hospital management* February 2022 – April 2022

* Implemented SQL Server to complete the whole project
* Created a hospital management system that includes hospital administration, doctors, patients, appointments, finance, labs, etc.

*Parallel ResNeXt Model for Skin Cancer Image Classification* April 2022 – May 2022

* Adapted Pytorch for parallel processing of the *ResNeXt* model
* Programmed the *Resnext* model for skin image classification to learn, train and predict data.

Technical Skills

* Programming Languages: C, Java, JavaScript, Python.
* Database: SQL server, MySQL, MongoDB, Redis.
* Programming Framework: Java Springboot, Pytorch, Mybatis, React.
* Others: Linux, Github, HTML/CSS.