Zhuocheng Yu

yu.zhuoc@northeastern.edu | (206) 910 – 6412| Seattle, WA | www.linkedin.com/in/zhuochengyucsgradneu |
GitHub: https://github.com/Joshua-Yu28

EDUCATION

Northeastern University – Seattle Campus, Seattle, WA · Sep 2023 – Present
MS in Computer Science Candidate, GPA: 4.0 / 4.0 · *Expected Graduation: May 2026*
Relevant Coursework: Computer Systems, Algorithms, Object-Oriented Design, Discrete Structures

Nanjing University of Posts and Telecommunications – Nanjing, Jiangsu, China · Sep 2019 – May 2023
Bachelor of Communications Engineering

Relevant Coursework: Communication Principles, Network Technology and Applications, Advanced Mathematics, Software

Design, Programming Design, Linear Algebra and Analytic Geometry, Switching Technology and Telecommunication Network

TECHNICAL KNOWLEDGE

Languages: Java, Python, C++, C
Tools & Frameworks: Git, Spring, Spring Boot
Databases: MySQL, SQL Server

PROJECTS

Appoint Management System · Oct 2023 – Dec 2023
Northeastern University
• Engineered a comprehensive Python program to manage appointments, incorporating user-centric functionalities such as registration, deletion, and user listing.
• Implemented pivotal features including appointment scheduling, cancellation, and checking to enhance user experience.
• Ensured data integrity with input validation, allowing case-insensitive usernames adhering to specific character rules.

Student Attendance Management System App Based on Android Studio · Oct 2022 – Nov 2022
Nanjing University of Posts and Telecommunications
• Developed a Java-based student management application with robust features, including user registration, login, and logout functionalities.
• Implemented an engaging sign-in system featuring a visually appealing star pattern, enhancing the user experience and adding a gamified element to attendance tracking.
• Designed an intuitive transition interface to ensure a seamless user journey between different sections of the application.

Student ID Card Management System · May 2022 – June 2022
Nanjing University of Posts and Telecommunications
• Designed a Student ID Card Management System
• Utilized JAVA technology and MYSQL database to implement and improve the management of daily affairs which enhanced my technological knowledge and improved my practical expertise.
• Coded and created a web version from the system's blueprints, thus, enhancing my problem-solving and coding abilities.

HONORS AND AWARDS

• The Third Prize Scholarship of 2020 Advanced Mathematics Competition for Undergraduates, Grade I, Group A.
• The Third Prize Scholarship of the 13th Student Mathematical Modeling Competition.
• Nanjing University of Posts and Telecommunications Comprehensive Progress Award for the academic year 2020/2021.
• Head of Student Innovation and Entrepreneurship Training Program Project.