

Minjae Kung

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EDUCATION

The University of North Carolina at Chapel Hill

Aug 2022 – May 2026

B.S. Computer Science, B.A. Mathematics | Minor in Linguistics

3.82/4.00 GPA

- Dean's List - Fall 2022, Spring 2023, Fall 2023, Present

4.00 CS GPA

- UNC Academic Team Assistant Treasurer

TechX Software Dev. Society, Russian Flagship Program, Russian Conversation Club, Linguistics Club

- **Relevant Coursework:**

Data Structures and Algorithms, Foundations of Programming, Probability for Data Science, Linear Algebra, Discrete Structures, Differential Equations, Mechanics, Electromagnetism and Quanta

EXPERIENCE

IT Security Assistant

Aug 2022 – Present

UNC School of Medicine · Information Security Office

- As the IT Security Assistant, I oversee, document, and analyze documentation and record-keeping for all technical activity and incidents pertaining to the School of Medicine and its associates.
 - Performed forensics and archival of over 20 terabytes of hard drives
 - Analyzed phishing testing and security data for over 7,000 users within the School of Medicine
 - Digitized and archived 20 years of business associate agreements and chain of custody records
 - Optimized and categorized over 2,000 ServiceNow requests
 - Created Confluence documentation for Qualys, risk documentation, ServiceNow requests, and onboarding
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PROJECTS

- **Personal Website**

Built a personal website using **JavaScript**, **HTML/CSS**, and **Bootstrap** and implemented **Google Analytics**

- **Cogniscribe: HackNC 2023 Project**

Collaborated with a team of 4 to develop a meeting recorder that automatically transcribes and takes notes on speech
Web application built with **Node.js** and **React** front end, Flask backend utilizing **Whisper** and **GPT APIs**

- **Kinematica: Physics Kinematics Calculator**

Physics calculator for projectile motion, elastic and inelastic collision built using **JavaScript**, **LaTeX**, and **HTML/CSS**

- **Mental Health Diary: HackNC 2022 Project**

Collaborated with a team of 4 to create a journaling web-application with built-in **Sentiment Analysis**
Natural Language Processing with **Python's NLTK**; web-app structured with **Flask**, hosted on **Google Cloud**

- **Server Hosting and Management**

Created and maintained a videogame server able to withstand over 200 concurrent users with user hierarchy
Server written in **Java**, hosted on Google Cloud **Linux Server**, remotely managed through **SSH** Protocol

- **Terminal-based Typing Test**

Embeddable terminal typing game with cheat-detection written in **Python**

SKILLS & INTERESTS

- **Languages and Frameworks:**

Git, Python, Java, HTML/CSS, JavaScript, TypeScript, React, Mathematica · Familiar with C, C++, SQL, R, MATLAB

- **Operating Systems:**

Windows XP~11, Linux (Ubuntu/Debian, Arch, GalliumOS), MacOS

- **Human Languages:**

Korean (native), English (native), French (B1), Russian (A2), Japanese (A2), Latin

- **Interests and Passions:**

Architecture, Urban Planning and Transit, Trivia, Geography, Cycling, Typing (180 WPM)