Minjae Kung

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EDUCATION

The University of North Carolina at Chapel Hill   **Expected May 2026**
B.S. Computer Science, B.A. Mathematics | Minor in Linguistics   3.82/4.00 GPA
- Dean's List – Fall 2022 to Present   4.00 CS GPA
- UNC Academic Team Assistant Treasurer, TechX Software Development Society, Linguistics Club
- **Relevant Coursework**:
  Data Structures and Algorithms, Foundations of Programming, Discrete Structures, Linear Algebra,
  Complex Analysis, Probability for Data Science

EXPERIENCE

IT Security Assistant   **Aug 2022 – Present**
UNC School of Medicine · Information Security Office
- As the IT Security Assistant, I oversee, document, and analyze all technical activity and incidents pertaining to the School of Medicine and its associates.
  - Analyzed phish testing and security data for over 7,000 users within the School of Medicine
  - Performed forensics and archival of over 50 terabytes of hard drives
  - 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 assessments, ServiceNow requests, and onboarding
  - Decommissioned and ensured proper documentation of deprecated disk drives and information systems

PROJECTS

Cogniscribe: HackNC 2023 Project   https://devpost.com/software/cogniscribe
- Collaborated with a team of 4 to develop a meeting recorder that automatically transcribes speech and takes notes
- Frontend built with **Node.js**, **React**, and Chakra UI
- Backend built in **Python** with **Flask** to integrate OpenAI's **Whisper** and **GPT** API

Kinematica: Physics Kinematics Calculator
- Physics calculator for projectile motion and elastic and inelastic collision with live graphing capabilities
- Written using **JavaScript**, **LaTeX**, **KaTeX**, and **HTML/CSS**; visualization implemented through Function-Plot library

Mental Health Diary: HackNC 2022 Project   https://github.com/m-nsk/Melancholy
- Collaborated with a team of 4 to create a journaling web-application with **Sentiment Analysis**
- Utilized Natural Language Processing with **Python**'s **NLTK** and vaderSentiment to detect variation in polarity of entries
- Webapp structured with **Flask** and Jinja2 templating, data visualization using **Matplotlib** and **Pandas**

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

Personal Website
- Deployed a personal website using **JavaScript**, **HTML/CSS**, and **Bootstrap** and implemented **Google Analytics**

Korean Language Transliterator
- Developed a program that parses and transliterates Korean words and phrases in real time, written in **JavaScript**

SKILLS & INTERESTS

Languages and Frameworks:
- Python, Java, Git, HTML, CSS, JavaScript, TypeScript, React, Node.js · 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, Language Learning