

Minjae Kung

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EDUCATION

The University of North Carolina at Chapel Hill B.S. Computer Science, B.A. Mathematics Minor in Linguistics	Expected May 2026
	3.84/4.00 GPA
<ul style="list-style-type: none">Undergraduate Linguistics Club President, UNC Academic Team Treasurer, TechX Software Development SocietyRelevant Coursework: DSA, Systems, Computer Organization, Discrete Math, Automata Theory, AI, Software Engineering, Linear Algebra, Probability	

EXPERIENCE

Cisco <i>Research Triangle Park, NC</i> <i>Software Engineer I (Intern)</i>	Jan 2026 – Apr 2026
<ul style="list-style-type: none">Incoming Software Engineer Intern on the Service Delivery Management team	
Intuit Credit Karma <i>Charlotte, NC</i> <i>Software Engineer Intern · Credit Builder</i>	May 2025 – Aug 2025
<ul style="list-style-type: none">Automated the recovery of failed loan payments for financial well-being product by developing a TypeScript CronJob, eliminating the need to manually reprocess transactions, using AWS, PostgreSQL, Terraform, Redash, payment processing APIsMigrated an acquired startup's Iterable-based notification system to an in-house system using PostgreSQL, Apache Kafka, Turborepo, BigQuery, and webhooks while ensuring legal compliance; estimated to reduce costs by \$120k/yrRepackaged and deprecated modules in the startup monorepo, as part of the transition to service-oriented architecture	
<i>Software Engineer Intern · Credit Karma Money</i>	May 2024 – Aug 2024
<ul style="list-style-type: none">Developed a TypeScript microservice that produces and publishes notification objects to Apache Kafka service busCoordinated with product engineers to develop email and push notifications for checking account dispute processImplemented trigger mechanisms in a TypeScript service to send dispute tracking notifications to Money account holders, resulting in a decrease in call volume, improving User Experience for hundreds of thousands of membersFully deployed to production using Vitest, internal test environments, containers, A/B testing; authored a Technical Design Document to diagram architecture and summarize development and testing process	
Standard Intelligence PBC <i>San Francisco, CA</i> <i>Contractor</i>	Aug 2024 – Sep 2024
<ul style="list-style-type: none">Developed and maintained data processing and gathering pipelines using Python's aiohttp and asyncioOptimized API calls and parallelized tasks and wrote unit and integration tests in Pytest to maintain code quality	
UNC School of Medicine <i>Chapel Hill, NC</i> <i>IT Security Assistant</i>	Aug 2022 – Present
<ul style="list-style-type: none">Analyzed phish testing and security data for over 7,000 users; created Jira Kanban board and generated TeamDynamix reportsPerformed forensics, archival of over 50 terabytes of hard drives and digitized 20 years of business associate agreements	

PROJECTS

"LectureMate": Artificial Intelligence Research	
<ul style="list-style-type: none">Conducted exploratory research into LLM pipeline interactions by developing software that automatically generates supplemental study material from audio recordings and slide decks by integrating Whisper and Llama APIsAuthored a research paper and presented findings for UNC's COMP 560: Artificial Intelligence course	
Korean Language Transliterator	
<ul style="list-style-type: none">Developing language-learning software that parses and transliterates Korean words and phrases utilizing OpenAI APIs	
Mental Health Diary: HackNC Project	
<ul style="list-style-type: none">Created a journaling webapp with Sentiment Analysis by implementing NLP with Python's NLTK and vaderSentiment to detect variation in polarity of entries; built with Flask and Jinja2, data visualized with Matplotlib and Pandas	

SKILLS & INTERESTS

Languages, Technologies, Methodologies:	
<ul style="list-style-type: none">Python, Java, Scala, C, HTML, CSS, JavaScript, TypeScript, Go, C++, SQL, R, Elixir; OOP & Functional ProgrammingDocker, Kubernetes, AWS, GCP, Figma, REST API, GraphQL, Node.js, NPM, Yarn, React, Vue.js, Angular, CI, Agile, Scrum, Kanban	
Human Languages: Korean (native), English (native), French (B1), Russian (A2)	
Interests and Passions: Architecture, Urban Planning and Transit, Trivia, Geography, Cycling, Language Learning, Photography	