

Yunseok Hwang

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EDUCATION

University of North Carolina at Chapel Hill

B.S. in Computer Science | B.S. in Statistics and Analytics | Minor in Entrepreneurship

GPA: 3.8/4.0

Chapel Hill, North Carolina

Graduation: Dec 2026

Related Coursework: Data Structures & Algorithms, Algorithms and Analysis, Discrete Structures, Systems Fundamentals, Foundations of Programming, Computer Organization, Intro to Optimization, Methods of Data Analysis, Intro to Probability

SKILLS

Programming: Python, Java, JavaScript, HTML/CSS, C++, R, SQL

Other Technologies: React, Node.js, MongoDB, Git, Matplotlib, Firebase, TensorFlow, Scikit-learn, AWS

EXPERIENCE

Amazon Web Services

May 2025 - Aug 2025

Software Engineer Intern

Seattle, Washington

- Spearheaded development of a QuickSight dashboard providing interactive, filterable views for stakeholders to track Seller of Record (SoR) requirements
- Automated **3000+ requirements** across **12+ countries**, reducing stakeholder overhead and accelerating launch times
- Implemented backend using Java, **AWS Lambda**, **DynamoDB**, and **RESTful API** (Quip, EPS) integration to unify data scattered across 15+ Quip documents into a single source of truth

Nije

Apr 2025 - Present

Founder

Remote

- Founded a Cherokee language learning app with quizzes, games, and stories using **React Native** and **TypeScript**
- Set up a **Node.js** backend with **MongoDB**, indexing, and caching for faster data loading
- Projected to impact **1000+** students with implementation plans in school districts on Cherokee lands in partnership with Ivy League institutions such as Harvard, Yale, and UPenn

Relias

May 2024 - Jul 2024

Software Engineer Intern

Raleigh, North Carolina

- Led development of an AI chatbot to help employees access resources and complete onboarding tasks easier
- Utilized Node.js, LUIS for natural language understanding, and MongoDB with REST APIs to manage data
- Boosted engagement by **50%** and cut support tickets by **30%** after integrating into internal SharePoint website

Official VoGro

Mar 2021 - Jul 2021

Software Development Intern

Toronto, Canada

- Launched a COVID-19 volunteering application (iOS/Android) using Dart and Flutter reaching **1500+** users
- Managed **1000+** volunteering tasks and facilitated **750+** users in first 4 months
- Implemented agile methodology and led weekly sprints to keep team on track and launch app on time

PROJECTS

AI Study Buddy

- Developed an AI-powered Study Buddy to generate flashcards, practice questions, and notes tailored to UNC courses
- Deployed on UNC's largest CS undergraduate student platform, helping 500+ students streamline studying
- Designed frontend using **Angular**, **HTML/CSS**, and **TypeScript**; built backend APIs using FastAPI and utilized OpenAI API to generate study content

ACTIVITIES & LEADERSHIP

President - Korean American Student Association

Aug 2024 - Present

- Leading a team of 12 executive board members of the Korean American Student Association at UNC Chapel Hill to plan and execute cultural events, workshops, and community outreach programs