

Alina Kim

212 W 91st St, New York, NY 10024 | (401) 323-2297 | alina_kim@alumni.brown.edu | newalina.com

EDUCATION

Brown University | *M.Sc. Computer Science*

Providence, RI | May 2024

Brown University | *B.A. Computer Science, B.A. Music*

Providence, RI | May 2023

- Relevant Courses: Software Engineering, Hypertext/Hypermedia, Deep Learning, Computer Vision, User Interfaces and User Experience, Code as Medium, Cybersecurity and International Relations, Cybersecurity Ethics, Privacy and Personal Data Protection

SOFTWARE ENGINEERING EXPERIENCE

The Founder Series | *Chief Technology Officer*

New York, NY | May 2024 – Present

- Developed new tech stack using Next.js, Node.js, Firebase, and GCP to shape success of business model and user acquisition plan
- Oversaw entire product lifecycle of AI model *Vera 2.0*, enhancing mentorship platform with robust NLP recommendation system
- Managed engineering team to supervise development progress, tackle technical challenges, and strategise on future enhancements

Brown University Dash Lab | *Graduate Research Assistant for Andries van Dam*

Providence, RI | Sep 2023 – May 2024

- Integrated UI wizard to significantly improve learnability from 2.6 to 4.2 (on a scale of 1-5) and likelihood of daily use from 1.8 to 3.1
- Designed and launched feature after collecting in-depth user research from over 80 novice and expert users and analysing feedback
- Administered project to include new functionalities supporting research work, note-taking, and other creative hypermedia use cases

Nexon NXLab | *Full-Stack Software Engineer*

Seoul, South Korea | Jun – Aug 2022

- Spearheaded web development of React app for *NXC Ting 1.0* that serves Cloud Firestore, HTML Web Storage, Sendbird chat API
- Established user pricing plans by executing up to 30 GB batch file upload, store, delete tests and calculating Cloud Storage costs
- Identified management issues of Cloud Scheduler and reworked transactions originally \$0.10 per job to run daily and at no cost

Nexon NXLab | *Backend Development Intern*

Seoul, South Korea | Jul – Dec 2021

- Singlehandedly developed and deployed 16 working Firebase Functions to efficiently handle *NXC Ting* internal data in JavaScript
- Implemented server state maintenance framework to scale data for more than 400,000 channels and members using Python scripts
- Conceptualised marriage of messaging and project management in early stages of product planning and devised mobile UI/UX

NHN Bugs | *Product Management Intern*

Seoul, South Korea | Jun – Aug 2018

- Modelled streamlined UI mockup of *Bugs* mobile app for 5.0 revision based on competitor UI/UX, music discovery AI, social features
- Evaluated mental model of features and evaluated brand identity and content that would see increase of 200% millennial users

LEADERSHIP EXPERIENCE

Veritas AI | *Fellowship Mentor*

New York, NY | Jun 2024 – Aug 2024

- Mentored high-achieving high school students to learn fundamentals of AI/ML and build real-world projects with social impact
- Constructed curriculum for students to build machine learning models to be presented or published as research paper or app

Brown University | *Graduate Teaching Assistant for CSCI 1951V*

Providence, RI | Sep 2023 – Dec 2023

- Created full-stack programming assignments and comprehensive course curriculum for 48 undergraduate students in seminar
- Held weekly office hours, lab meetings, and workshop sessions about MongoDB, Express, React, Node.js, and system architectures

Google IgniteCS Brown Chapter | *Head Mentor*

Providence, RI | Sep 2017 – Dec 2019

- Taught 8-15 underprivileged students every week at Central Falls Middle School about algorithmic and computational thinking
- Coordinated Hour of Code coding competition at Frank D. Spaziano Elementary School and reworked existing teaching curriculum

SKILLS & INTERESTS

- **Programming:** JavaScript, TypeScript, HTML, CSS, Python, TensorFlow, Java
- **Creative Coding:** MaxMSP, TouchDesigner, Three.js, p5.js, Figma
- **Music:** Logic Pro X, Finale, REAPER, Audacity
- **Languages:** Bilingual proficiency in English and Korean, intermediate proficiency in Mandarin