

Alina Kim

257 Thayer St, Providence, RI 02906 | (401) 323-2297 | alina_kim@brown.edu | <https://www.newalina.com/>

EDUCATION

Brown University | *M.Sc. Computer Science*

Providence, RI | Expected Graduation 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, UI/UX, Code as Medium

SOFTWARE ENGINEERING EXPERIENCE

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

Providence, RI | Sept 2023 – Present

- Designed and integrated UI wizards to significantly reduce learning curve after collecting in-depth user research from over 80 users
- Launched feature 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
- Administered project to include new features supporting research work, note-taking, and other creative use cases with MERN stack

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 supervised mobile UI/UX

AppStrax Technology | *Full-Stack Development Intern*

Lisbon, Portugal | Jun – Aug 2019

- Advised new customer journey for client companies by prototyping interactive website design that connected front end and API
- Integrated existing time-tracking tool into accounting system and custom CRM tools in Angular and Node.js for real-time database

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 an increase of 200% millennial users

LEADERSHIP EXPERIENCE

Brown University | *Graduate Teaching Assistant for CSCI 1951V Hypertext/Hypermedia*

Providence, RI | Sept 2023 – Dec 2023

- Coordinated engaging programming assignments, lab sessions, and course curriculum for 48 undergraduate students in seminar
- Led weekly office hours, instructional lab sessions, full-stack workshop sessions to equip students with valuable practical skills

Google IgniteCS Brown Chapter | *Head Mentor*

Providence, RI | Oct 2017 – Dec 2019

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

Korean American Student Association | *Communications Chair*

Providence, RI | Apr 2018 – Dec 2019

- Governed weekly newsletters via Today@Brown, Facebook, Instagram, and oversaw communication with 12 external organisations
- Identified new audience segments within Brown student community and increased general body member size from 330 to over 550

SKILLS & INTERESTS

- **Programming:** JavaScript, TypeScript, Python, TensorFlow, C, x86 Assembly, Java, HTML/CSS
- **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