**EDUCATION**

**Brown University,** *Sc.B. Applied Math - Computer Science*, 4.0/4.0 GPA Providence, RI | **Expected Graduation May 2025**

Relevant Courses**:** Program Design with Data Structures and Algorithms, Intro to Discrete Structures and Probabilities, Honors Linear Algebra, Honors Statistical Interference I, Intermediate Calculus (Physics/Engineering), Dynamics and Vibrations

**Korean Minjok Leadership Academy,** 4.98/5.00 GPA (Unweighted) Hoengseong, S. Korea | Class of 2021

Relevant Courses: Discrete Mathematics, AP Calculus

**TECHNICAL EXPERIENCE**

**Brown RISD Game Developers**

*Programmer (C#, Unity)* Providence, RI | September 2021 – Present

* Pitched and programmed a roleplaying narrative game [“YES”](https://brownrisdgames.itch.io/yes)
* Added save functionality to game by programming a script for creating, loading, and modifying a json file containing the user stage progress and cumulative score.
* Debugged and refactored the core mechanic “YES bar.”
* Assembled UI and implemented scene transitions between different stages.

**OKIT Inc.**

*Product Management Intern* Seoul, S. Korea | April 2021 – June 2021

* Drafted application for Google Play Store’s [ChangGoo Program](https://developers-kr.googleblog.com/2021/04/2ChangGoo2021.html) – selected among 80 companies and funded $100,000.
* Produced 15 promotional images with Adobe Photoshop and XD used on the [App Store](https://apps.apple.com/kr/app/okit/id1557123030) and [Play Store](https://play.google.com/store/apps/details?id=co.okit.android.app).
* Executed QA checks on 7 versions of the app on [LopLat](https://www.loplat.com) SDK functionality, log-in token security, [SendBird](https://sendbird.com) API integration.
* Coordinated hotfixes with front-end & back-end developers via Confluence/Jira, Zeplin, Slack.

**Ahoy!**

*Communication Officer* Hoengseong, S. Korea | July 2020 – December 2020

* Produced [promotional/tutorial video](https://youtu.be/67DBVKMHZzg) with Adobe Premiere Pro for gathering/instructing Beta testers on using the web extension.
* Received scholarship from the Deputy Prime Minister in U300 Student Startup League.

**VR Campus KMLA**

*Co-founder/Member*  Hoengseong, S. Korea | August 2019 – December 2020

* Digitized school campus by creating a Google Street View-esque map with more than 500 VR photos and info slides.
* Co-authored project proposal to school administration, selected 3 consecutive times as funding recipient, totaling $6,000
* Presented at School Project Fair, winning 1st Place Prize

**ORGANIZATIONAL EXPERIENCE**

**Outdoor Leadership and Environmental Education Program**

*Club Member/Pod Leader*  Providence, RI | September 2021 – Present

* Mentored 20 high school students in 6 workshops revolving around environmental issues, local and global.
* Organized workshops demystifying the carbon cycle and illustrating the impacts of fossil fuels with creative activities involving Jell-O, limbo, etc.
* Managed 3 students in a year-long “Pod,” gathering feedback on workshops and facilitating discussions and social events outside of workshops.

**Global Leadership Program for Students**

*Head Teaching Assistant* Hoengseong, S. Korea | December 2019 – January 2020

* Oversaw over 300 Grade 3~8 students in a 3-week English & science camp over break.
* Coordinated schedules of more than 30 TAs and 20 instructors across 2 learning tracks.
* Counseled students and parents leading to the lowest track transfer rate in the past 10 camps.

*Teaching Assistant* Hoengseong, S. Korea | August 2018

* Facilitated 30-student Arts & Crafts activities involving potentially hazardous tools (box cutters, super glue, staplers).
* Collaborated with instructors to showcase student posters, chalk art, and campaigns on climate change.

**SKILLS & INTERESTS**

**Technical Skills:**

* Programming: Proficient in Unity, C#, Unreal Engine, C++, Java, Python
* Adobe: Proficient in Premiere Pro, Photoshop, XD; familiar with Acrobat Pro; familiar with AfterEffects, Illustrator

**Language:** Korean (Native), English (Native-level), French (conversational)