Young Jie Cho

youngjie.cho@gmail.com (718) 755-5025
69 Brown St. Mail#3731, Providence, RI 02912
Portfolio: https://youngjie-cho.github.io/youngjiecho/

EDUCATION

Brown University, Providence, RI	Expected Graduation Date: **May 2021**
Degree / Major: Bachelor of Science, **Computer Science**	Current GPA (4.0 Scale): **4.0**

Interests: Women in Computer Science (WiCS), Ivy Film Festival Web Team, Brown/Risd Game Developers, Pixel Art

TECHNICAL SKILLS

TECH: Java, Python, JavaScript: React, React-Redux, SCSS, GraphQL, Unity: C#, C, GraphQL, Git/Github, Django, ReactNative, TensorFlow, AWS	*UI/UX:* Figma, Balsamiq, Adobe Photoshop, Adobe XD	*TOOL:* LaTeX, HTC Vive, Oculus Rift, Leap Motion, Adobe Premiere Pro, Notion, Asana, Jira, Slack

COMPUTER SCIENCE EXPERIENCE

AlgoCare
Seoul, South Korea

Software Engineer, May 2020—January 2021 https://algocarelab.com/
- Created and deployed the company website in production while working 40 hours a week
- Implemented the responsive front end of Medical Quiz Web Application in React, React-Redux, GraphQL while consulting with UI designer and Back-End developer twice a week
- Generated quiz result into a medical report and dispatched as a link within HTML email form to around 20 participants a week
- Currently implementing a mobile application that connects to the digital healthcare device

HackMIT
Boston, MA

Participant(team) / Winner:Finalist, September 2019 https://devpost.com/software/notes-for-notes
- Selected as top ten finalists and gave the presentation in MIT's Kresge Auditorium in front of the hackathon participants
- Designed a web application within 2 days that generates a list of Spotify(API) music playlists through Google Cloud OCR API(Image to Text Recognition), IBM-Watson NLU API(text to emotion analysis), Javascript, and Vue.js

WarnerMedia
Atlanta, GA

CNN.com Software Engineering Intern, May—August 2019
- Created and deployed React data scatter plot chart generator using article publication time data while working 40 hours a week under the data intelligence department
- Debugged and added new features such as rich text editors and drop-down menus to the data documenting application while researching and documenting humanized and detailed description for the internal data
- Participated in standup meeting every day under the agile project management tool

YaleHack
New Haven, CT

Participant(team) / Award Winner, November—December 2018
- Won the Best Viatech Hack (Viacom), the best hack for technology utilizing VR within the multimedia space: COLOR PIANO: Piano For All & Synesthesia VR Experience http://www.hackerearth.com/challenges/hackathon/yhack-2018/dashboard/7db5074/
- Created a 3D VR application which provides the piano generating visual outputs that can be enjoyed by everyone regardless of one's hearing ability
- Modeled 3D piano through Unity, utilized the hand motion input from Leap Motion sensor and connected with Oculus Rift to convey the immersive VR environment within 3 days
- Participated in debugging the C# code and assigning colors for each specific sound pitch

COURSES

The Moon, *Creator* https://github.com/youngjie-cho/theMoon   London, UK | January—April 2020
- Created a 2-D platform game with multiple levels of stories and various endings while designing the game assets
- Hosted the game after building it withWebGL https://connect.unity.com/mg/other/themoon-0

Relevent Courses: *Intro to Algorithms and Data Structures, Discrete Structures & Probability, Linear Algebra, Differential Geometry, Object-Oriented Programming in Java, Computer Systems, UI/UX, Virtual Reality Design for Science, Deep Learning, MultiPlatform Game Development, Software Security and Exploitation, Cybersecurity Ethics, Digital Media, Media: Sound + Image*

LANGUAGES

Brown University, *Teaching Assistant*   Providence, RI | September 2017—May 2019
- Managed 16 students' schedules to deliver Korean Language TA session for 4 hours a week via when2meet.

Korean & **English** (Bilingual proficiency) | **Japanese** (Full professional proficiency): AP Japanese: 5, JLPT N2
French (Professional working proficiency): The Irving Lysander Foster Premium for academic excellence in French Studies for the school year 2017-2018 (Brown University Department of French Studies)