

Young Jie Cho

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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
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COMPUTER SCIENCE EXPERIENCE

AlgoCare Seoul, South Korea	<i>Software Engineer</i> , May 2020—January 2021 https://algocarelab.com/ <ul style="list-style-type: none">Created and deployed the company website in production while working 40 hours a weekImplemented the responsive front end of Medical Quiz Web Application in React, React-Redux, GraphQL while consulting UI designer and Back-End developer twice a weekGenerated quiz result into a medical report and dispatched as a link within HTML email form to around 20 participants a weekCurrently implementing a mobile application that connects to the digital healthcare device
HackMIT Boston, MA	<i>Participant(team) / Winner:Finalist</i> , September 2019 https://devpost.com/software/notes-for-notes <ul style="list-style-type: none">Selected as top ten finalists and gave the presentation in MIT's Kresge Auditorium in front of the hackathon participantsDesigned 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	<i>CNN.com Software Engineering Intern</i> , May—August 2019 <ul style="list-style-type: none">Created and deployed React data scatter plot chart generator using article publication time data while working 40 hours a week under the data intelligence departmentDebugged 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 dataParticipated in standup meeting every day under the agile project management tool
YaleHack New Haven, CT	<i>Participant(team) / Award Winner</i> , November—December 2018 <ul style="list-style-type: none">Won the Best Viatch Hack (Viacom), the best hack for technology utilizing VR within the multimedia space: <i>COLOR PIANO: Piano For All & Synesthesia VR Experience</i> http://www.hackerearth.com/challenges/hackathon/ghack-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 abilityModeled 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 daysParticipated 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
<ul style="list-style-type: none">Created a 2-D platform game with multiple levels of stories and various endings while designing the game assetsHosted the game after building it with WebGL https://connect.unity.com/mg/other/themoon-0	

Relevant 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
<ul style="list-style-type: none">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)	