**Young Jie Cho**

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**PERSONAL WEBSITE GOES HERE**

**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

**TECHNICAL SKILLS**

*TECH:* Java, Python, JavaScript: React, React-Redux, SCSS, GraphQL, Unity: C#, C, GraphQL, Django, ReactNative, TensorFlow, AWS, Git/Github

*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,** *Software Engineer* **Seoul, South Korea | May 2020—January 2021**

• Created the main company website and medical quiz web application <https://algocarelab.com/>

• Summer 2020

**HackMIT,** *Participant(team) / Winner:Finalist*  **Boston, MA | September 2019**

*Notes for Notes:*<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

• Created a web application within 2 days that generates a list of Spotify music playlists through Google Cloud OCR

API(Image to Text Recognition), IBM-Watson NLU API(text to emotion analysis), Javascript, and Vue.js

• Connected IBM-Watson Natural Language Understanding API and Spotify API to the web application and parsed data

• Designed every part of the presentation materials such as Web interface, demo videos, and PowerPoint and received

multiple compliments from judges for the PowerPoint and Web design which are included in the link above

**WarnerMedia,** *CNN.com Software Engineering Intern* **Atlanta, GA | May—August 2019**

• Created a React data visualization application that generates scatter plot charts using web article publication time data

• Deployed the application in production 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

• Researched and documented humanized and detailed description for the data used in the company

• Presented personal project to the executives and managers, explaining the business benefit to the company

• Participated in standup meeting every day under the agile project management tool

**YHack(Yale Hackathon),** *Participant(team) / Award Winner* **New Haven, CT | November—December 2018**

*COLOR PIANO: Piano For All & Synesthesia VR Experience (*[*http://www.hackerearth.com/challenges/hackathon/yhack-2018/dashboard/7db5074/*](http://www.hackerearth.com/challenges/hackathon/yhack-2018/dashboard/7db5074/) *)*

• Won the Best Viatech Hack (Viacom), the best hack that includes technology utilizing VR within the multimedia space

• Created a 3D virtual reality experience where one can enjoy playing the piano regardless of one's hearing ability through

implementing visual outputs for each specific key pitch that have been inspired by the synesthesia within 3 days

• Worked as an equal member of a three-person team to model 3D piano through Unity, utilize the hand motion input from

Leap Motion sensor and connect this project with Oculus Rift in order to convey the immersive VR environment

• Participated in debugging and designated colors for each specific sound pitch of the Piano

**COURSES**

**The Moon,** *Creator* <https://github.com/youngjie-cho/theMoon> **London, UK | January—April 2020**

• Created a 2-D platform game which consists of multiple levels of stories and various endings

• Filmed the demo video explaining the game logic and structure: <https://youtu.be/REGHSmB2qJo>

**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, Digital Media, Media: Sound + Image, Studio Foundation,*

**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)