RYAN KIM

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EDUCATION

Dartmouth College, Hanover, NH   **Sep 2021 - May 2025**

Intended major in Computer Science modified with Human-Centered Design

- **GPA:** 3.92/4.00
- Rufus Choate Scholar: The highest academic honor granted to top 5% of undergraduate students based on GPA
- <u>Relevant Coursework:</u> Intro Programming & Computation (**Python**); Problem Solving via Object Oriented Programming (**Java**); Software Design & Implementation (**C**); Discrete Mathematics in Computer Science

RELEVANT EXPERIENCES

Moment Dating App, Remote   **Jul 2023 - Present**

Software Engineer

- Contributed to front end code rewrite in SwiftUI to scale up usability and functionality from beta launch and testing
- Deliberated with lead designer to implement new design style using Figma for full-scale launch

Research Project: Gaze Aware Reading-aid Browser, Hanover, NH   **Jun 2023 - Present**

Research Assistant

- Leveraged full stack web development skills to connect reading-aid device with chrome extension to aid users with long-form online reading and provide analytics on users' reading
- Collaborated with team to deliberate on new reading-aid features including active and trailing highlighting, reading pace, and reading recommendations

Digital Applied Learning and Innovation (DALI) Lab, Hanover, NH   **May 2023 - Present**

Software Engineer

- Selected through competitive application process to work in an innovative startup like environment to solve problems brought by partners from around the world
- Collaborated with team of designers and developers to create mobile and web applications, utilizing expertise in React and Firebase to deliver effective solutions to complex problems

SELECTED PROJECTS

Greenbox Storage Widgets, React, HTML, CSS   **May 2023**

- Utilized storage company's database on customer orders to visualize data through animated widgets
- Customized widgets to display monthly revenue, conversion rate, and pickup date details based on selected school

Photography Portfolio, React, HTML, CSS, Firebase   **May 2023**

- Leveraged web development skills to develop personal photography portfolio and showcase my work
- Assembled back-end using Firebase to store photographs and their dimensions

Tiny Search Engine, C   **May 2022**

- Constructed search engine that crawls and saves webpages, creates an index of webpages to unique words and their frequency, and ranks all pages based on user-entered search query

Huffman Encoding, Java   **Jan 2022**

- Implemented program that compresses and decompresses files without loss using Huffman encoding

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

Korean Student Association (KSA), Hanover, NH   **Sep 2022 - Present**

President

- Oversee social events, club funds, and alumni relations to foster a strong Korean community at Dartmouth
- Increased membership by 20%, instituted new campus-wide events, and instated club to the National Korean Student Alliance

Dartmouth Men's Volleyball, Hanover, NH   **Sep 2021 - Present**

- Selected as team libero for the season, participating in yearlong practices and interscholastic competitions which culminated in National Collegiate Volleyball Federation championship in Phoenix, AZ

SKILLS AND INTERESTS

Computer Skills: Python, Java, C, HTML, CSS, JavaScript, React, Git, Firebase, SwiftUI, Figma

Interests: Photography, Fitness, Martial Arts, Video Games, Conspiracy & Supernatural Theories