

Jae Ho Choi

jcho427@emory.edu | jaehochoi0824.com | <https://github.com/jchoi3473>

Education

Emory University

Atlanta, GA

Bachelor of Science in Computer Science

Aug 2016 - Current

- **Relevant Courses:** Data Structures and Algorithms / Analysis of Algorithms / Artificial Intelligence / Computational Linguistics / Database Systems / Advanced Computer Architecture / Linear Algebra

Udemy

Remote

iOS13 & Swift5 / ReactJS Web Development Course

Dec 2019 – Aug 2020

Experience / Projects

Save Your APP(SYPP)

Remote

Front-End Developer

Aug-2020 – Current

- Developed frontend components for a recruitment organizing platform that tracks and optimizes progress by utilizing HTML, CSS, ReactJS, Redux, Rest API, and WebSocket
- Built a web application by implementing customized components including monthly/weekly calendar, recruitment process tracking feature, and word editors for notes
- Created a chrome extension to enhance a user experience by optimizing components in a web application

AI Innovation Square

Seoul, Korea

AI Researcher

June 2020 – Nov 2020

- Selected to take courses offered by Korea IT Business Promotion Association
- Acquired knowledge to become an AI researcher by learning AI relevant skills including Python-based AI open-source libraries and tools such as scikit-learn and TensorFlow
- Acquired fundamental skills to utilize computer vision including OpenCV, CNN and Auto Encoder

BLAY

Remote

Front-End Developer

Feb-2021 – Current

- Developed web components in a platform that creates a side-project/start-up environment for users
- Utilized HTML, CSS, ReactJS, Typescript and Rest API

Slay the Sorcerer

Atlanta, GA

Computational Linguistics

Feb-2021 – Current

- Designed a text-based adventure game that incorporates NLP to improve the gameplay experience
- Implemented dependency parsing and semantic role labeling from Allen NLP and synsets from WordNet
- Created a demo for user testing and improved the game experience based on the user feedback

Work Experience

121st Regiment Command Control Center, Republic of Korea Army

Ulsan, Korea

Military Information and Strategy Admin / Translator

Aug 2017 – April 2019

- Awarded by 50th infantry division commander and 121st regiment commander in excellency after the leading division of headquarters during the squad leader training
- Developed Excel programs and Word macros that increased the efficiency of managing and collecting military secret documentations using Army Tactical Command Information System
- Strategized a situation map by analyzing given scenarios during major drills and developed a new work-flow system that reduced time spent in transferring information among infantries.

Leadership and Community Engagement

Korean American Scientists and Engineers Association (KSEA)

Atlanta, GA

Freshman Representative, Social Chair

Aug 2016 - Current

- Organized STEM-related events around the campus to promote interest in STEM among students
- Held weekly app development meetings and shared ideas and progress of a project development

Additional Skills and Interests

Programming/Technologies: Java, Python, SQL, HTML, CSS, JavaScript, ReactJS, Redux, ARM, Scikit-learn, TensorFlow, PC Building / Maintenance, Windows and Mac OS X Familiarity

Languages: Fluent in Korean and English; Working proficiency in Mandarin

Interest: App/Web Development, Strategy Web Games, Basketball