

Ye-Ji Kim

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PROGRAMMING

Java, Python, HTML, CSS,
JavaScript, C

TOOLS

Photoshop ● ● ● ● ● ● ● ●

Illustrator ● ● ● ● ● ● ● ●

InDesign ● ● ● ● ● ● ● ●

Microsoft
Office ● ● ● ● ● ● ● ●

DESIGN

Prototyping / Branding /
Logo Design / Photography

TECHNOLOGY

Android Studio, JUnit, GitHub,
Java FX, Agile Development

COURSES

Objected-Oriented Programming
Data Structure and Algorithms
Objects and Design
Media Device Architecture
Discrete Mathematics
Principles of Visual Design

LANGUAGE

English (Proficient)
Korean (Native)
Spanish (Elementary)

EDUCATION

Georgia Institute of Technology

August 2016 - May 2020

BS in Computational Media

- Concentration in Interaction Design and Experiment Design, Media
- Campus Involvement: W@CC (Women At College of Computing), GITMAD (Georgia Institute of Technology Mobile Android Development), GT Web Dev

EXPERIENCE

GTRI Computer Education

January 2018 - Present

Undergraduate Research Assistant

- Research conducted by Georgia Tech Research Institute on evaluating effective methods of learning programming through different programming plans under multiple context
- Designed and implemented interactive Python coding questions on Runestone Interactive Python eBook used for the experiment conducted over students of University of Indiana

EMMAX Brain Academy

June 2017 - July 2017

Teaching Assistant

- Scheduled and conducted English lessons in conversation and grammar for 30 native Korean students from 5th to 8th Grade
- Applied the process of teaching and learning through active interactions with students

PROJECTS

ShelterBuzz

April 2018

UI/UX Designer, Front End Developer

- Android app that searches and locates available shelters with a login system personalized for the user using Firebase database written in Java
- Accompanied low and high-fidelity prototypes, designed the logo and UI components, and implemented activities and the UI parts of the app based on MVC pattern using Android Studio

BigSister

PearlHack, February 2018

UI/UX Designer, Front End Developer

- Android app that ensures the user's safety through a regular check-in system with a threat alarm feature
- Designed and implemented the UI components and their activities using Android Studio

Rooftop

April 2017

Front End Developer

- Web application that takes in a city name and generates a rooftop photo of the city from the Flickr API, locates the city on the map using the Google Map API, and informs the weather using the OpenWeatherMap API
- Structured the integration of the API's using JavaScript, JQuery Ajax and designed the website using HTML, CSS

Sketch_rain

September 2017

UI/UX Designer, Front End Developer

- Interactive drawing tool under a raining scene theme that generates different color gradients of the user's choice responding to sound input written in Java in Processing
- Designed the UI components, implemented the interactive components such as buttons and scrolls using GUI events, and implemented sound input feature

LEADERSHIP

CHS Key Club

August 2014 - May 2016

Treasurer

- Supervised and managed financial events of Callaway Kiwanis Club, Lagrange, GA of 40 members