HYUP KIM

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EDUCATION

- **GEORGIA INSTITUTE OF TECHNOLOGY**
  - B.S. in Computer Science
  - Specialized in Artificial Intelligence and Media

WORK EXPERIENCE

- **INTELLIGENT TRANSPORTATION SYSTEMS**   Aug 2018 - Current
  - Implemented client-server architechtures, wireless networks, GPS, and iBeacons to solve passenger counting and vehicle tracking problem using statistical analysis
  - Utilized on-board-devices to plug in to a standard receptacle on a vehicle and read data from sensors to report location and developed tools to collect and interpret the database with C++
  - Developed a web application to track Georgia Tech's shuttle bus, trolley
  - Stack: C++, HTML, CSS, Kotlin,

INDEPENDENT PROJECTS

- **PERSONAL WEBSITE**   github.com/hyupkim/website
  - Programmed a portfolio website to visualize my projects using Javascript, CSS, and HTML
  - Hosted the website on github page linked to a DNS provider using Apex domain records
  - Imported Bootstrap, Flexslider, Font-Awesome, Lightbox, Smoothscroll, and Textrotator for Javascript animation effects
  - Stack: Javascript, CSS, HTML, github

- **INSTASAVE APP**   github.com/hyupkim/instasave
  - Built a MacOS application which downloads instagram media files without quality loss
  - Programmed with Java, imported Apache Commons Lang, exported file into jar.file, and converted into a MacOS application using Property list
  - Created a streamlined workflow where users can produce the output files to desktop
  - Stack: Java, Plist

- **WINTER-TODO APP**   github.com/hyupkim/wintertodo
  - Developed an IOS/Android application where users can add, delete, and edit their tasks
  - Designed a custom to-do list model with React Native and programmed the user-input saving function with importing Prop-types
  - Tested the output responsively with Expo DevTools, Xcode simulator, and Chrome Inspector
  - Stack: React, React Native, React Redux, Javascript

- **ATLANTA ZOO DATABASE**   Aug 2018 - Current
  - Conducted a big data model that describes Atlanta Zoo Database that users can access
  - Designed a user interface with JavaFX and stored the data in mySQL
  - Stack: mySQL, Java, HTML, CSS

LEADERSHIP EXPERIENCE

- **GEORGIA TECH - KIYAC**   President | Current
  - Lead events for 300 Korean students including Korean-company career fairs and cultural days

LANGUAGES

Java
Javascript
Python
HTML
CSS
C
C++
Kotlin

FRAMEWORKS

React
Node JS
React Native
Django
Docker
Ubuntu
Linux
MATLAB

INTERESTED IN

Data Analysis
Full-Stack Development
Software Development
Web Development

BILINGUAL

ENGLISH ● ● ● ● ●
KOREAN ● ● ● ● ●