

EDUCATION

- **Georgia Institute of Technology** *Aug 2016- Dec 2020 (Expected)*
 - B.S. in Computer Science *Atlanta, GA*
 - Major GPA : 3.56/ 4.00

EMPLOYMENT

- **Sun Hydraulics Corporation** *May 2019 - Aug 2019*
Software Engineer, Intern *Sarasota, FL*
 - Developed PFMEA (Process Failure Mode & Effect Analysis) web application using ASP.NET Framework. Over 300 employees are using in production.
 - Designed and created the database in SQL Server. Involved in Back-End development using Entity Framework, C#, Ajax, LINQ, and visualized the data using MVCGrid.
 - Involved in Front-End development using RazorView Engine, HTML/CSS, Javascript, JQuery and JSON by designing user-friendly interfaces with Bootstrap, PopperJS.
 - Extensively used Chrome Developer Tools and Fiddler for debugging application and reported error occurrences through email and logged text files using NLog.
 - Controlled three user levels (Admin, Edit, and Read-Only) with Active Directory and Windows Authentication.
- **Intelligent Transportation System Team** *Aug 2018 - Current*
Undergraduate Researcher, Georgia Tech Research Institute *Atlanta, GA*
 - Developed NextBuzz, a program that visualizes and tracks the replay animation of bus activity on 3D campus map.
 - Imports the data of recorded coordinates, speed and acceleration using JavaScript and CesiumJS and reports to Georgia Tech transportation department.
- **GeniusMesh** *Jan 2019 - May 2019*
Software Engineer, Intern *Alpharetta, GA*
 - Assisted in Front-End development of company website and newsletter using HTML/CSS and JavaScript.
 - Contributed developing a program that analyzes the resume data and recommends the companies list to recruiters.

PROJECT

- **Winter Wind - Android Game App**
 - Developed an turn-based strategy game using Android 9.0 (Pie), Java, and MVVM.
 - Authenticated users with login accounts and passwords with Google Firebase.

LEADERSHIP

- **Korean International Young Adults' Community** *Aug 2018 - May 2019*
 - Lead Korean-company (Samsung, LG, KT, etc) career fairs for over 300 Korean students.
 - Managed book keeping process to control ~\$5,000 of annual community fund.

LANGUAGES

C#
Java
HTML / CSS
JavaScript
SQL
Python
JSON
XML
RazorView

FRAMEWORKS

.NET
ASP .NET
Entity Framework
LINQ
Ajax
JQuery
Firebase
CesiumJS
Git
MVC
MVVM

PROGRAMS

Visual Studio
SSMS
Android Studio
R Studio
Fiddler
IntelliJ
Pycharm
MATLAB

BILINGUAL

English
Korean