

# Seungjin Kim

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## EDUCATION

### Texas A&M University

Bachelor of Science, Major in Computer Science, Minor in Mathematic

College Station, Texas

May 2020

- GPA: 3.62 / 4.0

## PROFESSIONAL EXPERIENCE

### Tech Savvy Mobile Co., Ltd.

Software Engineering Intern

Seoul, Korea

March 2016 – July 2017

- Web
  - Developed Practical Korean SAT web application implementing Role Based Access Control using JavaScript, jQuery, Ajax, Node.js CSS, Bootstrap and MySQL.
  - Developed a voice recognition-based exam module using Angular.js that converts users' voice into text using library and compare the converted text with the answer from database for Real-World educational web application.
- Database
  - Slashed extracting data cost 20% by re-designing database structure and optimizing complicated queries while maintaining SQL back-up dump file in both remote and local repositories.
- Others
  - Achieved an ability to work as a team using Git while communicating with teammates in real-time by branching and merging.

## PROJECTS

### Imitative Movies Web (tmdb.org)

- Imitated MVC web application using CSS, Bootstrap, Angular.js, Node.js and MongoDB and deployed it using clouding service, Microsoft Azure.

### Web Fluxx card game

- Designed UI/UX using CSS Grid, Flexbox and HTML for website written using React.js.

### A Low-Cost Motion Capture System Using Smartphones to Resolve Healthcare Issues in Low-Income Countries

- Developed multi-object tracking program which stores points, time and unique id for each selected object in video in Parallel using OpenCV and Python.

### Texas A&M Honors Students Information Management System

- Developed a Texas A&M Honors students information Management system that stores all the honors students into the database, making information more accessible through a website for Honors staff members using Django and Mysql.

### Buddy Allocator

- Implemented Buddy allocator using C++ for having better understanding of pointers, object-oriented programing and how the memory is provided for storing data.

## ONGOING PROJECT

### Marketing Purpose Web

- Developing a responsive web application for publicizing a father's business which enable users to login, see reviews of other people and make a review of the products using React, SCSS, Node.js and Mongoddb.

## RELEVANT COURSEWORK

- Software Engineering
- Programing Studio
- Computer System
- Design Analysis Algorithms
- Data Structure and Algorithm
- Machine Learning

## SKILLS

**Programming Language:** C, C++, Python, Java, JavaScript, Angular.js, React, MySQL, Mongoddb, Node.js, HTML, CSS, SCSS