Seungjin Kim

kim.sjin1221@gmail.com | (979)-402-2488 | College Station, Texas | seungjin-portfolio.herokuapp.com

EXPERIENCE

Tech Savvy Mobile Co., Ltd.   **Seoul, Korea**
Software Engineer intern   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 by branching and merging.

PROJECTS   github.com/vjavmahs1

Campus Requester – Flutter, MySQL, Azure, C#
- Developing Cross platform mobile app that allows users to easily create and pick errand based on their location.
- Setup environment for MVVM pattern to easily divide tasks among teammates

Dev Social – React.js, Redux, Node.js, MongoDB
- Developing Social networking Web Application that encourage developers to have more connections and provide opportunities to work on several projects.

Portfolio Web - Next.js, React.js, SCSS, Node.js and MongoDB
- Developed responsive and dynamic Portfolio website That only Administrator could Add, Edit, Delete Portfolio using in MVC design pattern.

A Low-Cost Motion Capture System – Python, OpenCV, Multiprocessing
- Developed Parallel multi-object tracking program which stores points, time and unique id for each selected object in video.

Web Fluxx card game – React.js, Redux, Material UI, CSS Grid, Flexbo
- Implemented most of components handling states using Redux for an animating Fluxx card game

Imitative Movies Web – Angular.js, Node.js, MongoDB
- Developed Movie Rate web application in MVC and deployed it using clouding service, AWS

Texas A&M Honors Students Information Management System – Django, MySQL
- 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

RESEARCH

Continuous Human Gait Phase Estimation Using Machine Learning
- Preprocessed data acquired from several experiments and designing RNN-Based Model using Tensorflow2.0, Numpy and Pandas for estimating Human Gait Phase with a PhD student.

SKILLS

Language / Frameworks: C++, Typescript, Node.js, React.js, Next.js**,** Python, MySQL, MongoDB, HTML, CSS, SCSS, Flutter
Technologies: Linux/Unix, AWS, Azure, Git

EDUCATION

Texas A&M University   **College Station, Texas**
Bachelor of Science, Major in Computer Science, Minor in Mathematic   May 2020
(Expected)
- **GPA:** 3.62 / 4.0