SEOK-JUN SONG

COMPUTER SCIENCE

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ABOUT ME

Technical Skills	C/C++, Python, Scala, Latex, JavaScript, C#, HTML/CSS, SQL, Unity
Languages	Conversational in Korean, Fluent in English
Interests	Photography, Overwatch/COD, Swimming, Football and Baseball
Website	www.seoksong.herokuapp.com/

EDUCATION

University of Colorado Boulder   Boulder, CO (2018–Present)
- Computer Science GPA: 3.653

PERSONAL PROJECTS

CU Sprint   (Spring 2020)
- Developed a website and game using tools such as **SQL, Heroku, Javascript, C# and Unity**
- Created a 6 level 2D game with multiple features such as jumping puzzles, obstacles, low gravity and much more
- www.cupsrint.herokuapp.com

UNO Game + UNO Bot   (March 2019)
- Created the base game of UNO using **C++** allowing 1 player to compete against 3 bots
- Generated 3 different bots that would play the game all differently from each other

New York Map   (September 2019)
- Constructed a basic map of New York using **C++** and created a simple version of Apple/Google Maps
- Used Dijkstra's Algorithm to determine the fastest route from the given starting location to the given final destination
- The provided path is then displayed with the surrounding shops and buildings around the final destination

WORK EXPERIENCE

University of Colorado Boulder

Programming and Data Structures Undergraduate Teaching Assistant   Boulder, CO (Fall 2020-Present)
- Teach recitations where students get the chance to apply the material learned in lecture
- Prepare a short presentation to reintroduce the topics that will be covered in that weeks recitation
- Hold office hours to assist on homework and answer any questions they may have on the material

University of Colorado Boulder

Student Developer   Boulder, CO (Fall 2019-Spring2020)
- Using **Python** to find certain errors in student COF (College Opportunity Fund) to send a personalized email on a schedule to whoever had an error or incomplete application
- Assisted in the development the new IUT (Intra University Transfer) system in **JavaScript and C#** to automate the process of checking if a student has fulfilled all the requirements of the requesting a college of choice, and admitting them if requirements are met

University of Colorado Boulder

Data Structures and Algorithms Course Assistant   Boulder CO (January 2020-May 2020)
- Answer questions in recitations to support the TA in various roles
- Hold office hours to assist on homework and answer any questions they may have on the material

COURSE WORK

- Data Structures/Algorithms (Currently UTA) **C/C++**
- Computer Systems **C**
- Software Development Methods and Tools **JavaScript, HTML/CSS, SQL, Unity**,
- Principles of Programming Languages **Scala**