

# SEOK JUN SONG

## Computer Science & Economics

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in SeokSong

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📍 Boulder, Colorado

## EDUCATION

University of Colorado Boulder

**Bachelors in Computer Science | Economics**

📅 Aug 2018 – Dec 2022

📍 Boulder, CO

- Computer Science Major GPA: 3.424
- Economics Major GPA: 4.0

## EXPERIENCE

Data Structures Teaching Assistant

**University of Colorado Boulder**

📅 August 2020 – Present

📍 Boulder, CO

- Lead 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

Data Structures Course Assistant

**University of Colorado Boulder**

📅 January 2020 – May 2020

📍 Boulder, CO

- Assist 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

Student Developer

**University of Colorado Boulder Bursars Office**

📅 August 2019 - January 2020

📍 Boulder, CO

- Used **Python** to organize data to keep track of student COF (College Opportunity Fund) status to send a personalized email on a schedule to whoever had an error or incomplete application
- Lead the development of 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

Student Assistant

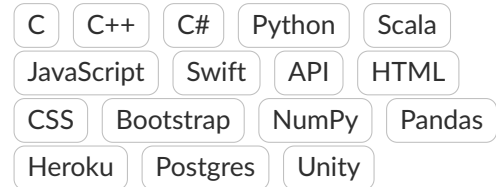
**University of Colorado Boulder Physics**

📅 January 2019 – July 2020

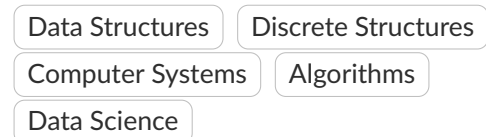
📍 Boulder, CO

- Assisted in the organized of TASI (Theoretical Advanced Study Institute in Elementary Particle Physics)
- Maintained communication with TASI applicants to ensure open communication
- Created and organized spread sheets for the convenience of TASI selection committee

## TECHNICAL SKILLS



## RELEVANT COURSES



## PROJECTS

### Apple Music Rewind (Current)

- Taking the idea of Spotify's wrapped and recreating it in apple music as users currently do not have a way to track their most listen songs, artist and podcast that year.
- Using **Apple API** and **Swift** to gather all the data, sort to display all the top songs, artist and podcast

### CU Sprint

- 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 Machine.

### UNO Game + UNO Bot

- Developed the base game of UNO using **C++** allowing 1 player to compete against 3 bots, allowing the user to choose different rule sets
- Generated 3 different bots that would play the game all differently from each other

### New York Map

- Constructed a basic map of New York using **C++** and created a simple version of Apple/Google Maps using Dijkstra's Algorithm
- The provided path is then displayed with the surrounding shops and buildings around the final destination

## SOFT SKILLS

- The ability to keep track of multiple deadlines and events to stay on top of task, as shown by the overlap in multiple jobs while keeping a rigorous class schedule
- Capable of operating on multiple teams, leading when the opportunity arises, illustrated by various team projects with different classes and jobs