

SEAN GYUSEUNG HWANG

12, Dongcheon-ro 24-gil, Buk-gu, Daegu ◇ (+82)010-2703-5412

rbtmd1010@gmail.com ◇ Github : seanhwangG ◇ Engineering Blog : <https://seannote.page>

EDUCATION

University of California, San Diego

September 2016 - Present
(Expect Graduate in May 2022)
Overall GPA: 3.96 / 4.0

B.S., Computer Science

SKILLS

[Languages] : Python(Pytorch, OpenCV), C++ (Cmake, Makefile), Typescript (Node, React)

[Tools] : Linux (Git), Database (SQL, MongoDB, Firebase), Docker (Kubernates)

WORK EXPERIENCE

Software Engineering Intern

October 2020 - Present

Intel

Seoul, Korea

- Improve multiple object tracking model using multithreading and analyze performance
- Implement object detection, tracking, classification pipeline using GAPI in OpenCV

Software Engineering Intern

May 2020 - September 2020

Naver

Gyung-ki, Korea

- Improve performance of Named Entity Linking models ensembling with Graph algorithm
- Deploy Flask website to incorporate user feedback in a Deep-learning model

Research Intern

August 2017 - October 2017

Somansa

Seoul, Korea

- Tested various NLP Algorithms to classify internet history and block inappropriate websites
- Developed multi-threading web-crawler

SIDE PROJECTS

3D Game : Maze Runner

September 2019 - December 2019

[youtube.com/watch?v=UlnHWvVZYQY](https://www.youtube.com/watch?v=UlnHWvVZYQY)

- Built first-person view game escaping a randomly generated maze with procedural environment
- Applied various computer graphics techniques (Phong shading, collision detection, and particle effect)

Website development

January 2020 - Present

<https://dev.enkor.kr/taxi/>

- Design backend of hotel booking system using typeDI, Sequalize ORM
- Add unit testing, intergrated testing, continuous integration workflow

AWARDS

International Collegiate Programming Contest

September 2019

tinyurl.com/w5kwf8u

- Awarded Top 9th team (Team UCSD S) in the California Regional preliminaries