

# SONG, Yeon Ji

+852-5624-1277 | +82-10-5179-4255 | yjasz98@gmail.com  
<https://yeonjisong.github.io/>

## EDUCATION

### The Hong Kong University of Science and Technology

Bachelor of Engineering in Electronic and Computer Engineering

**Hong Kong**

Sep 2017 – May 2021  
(expected)

### Dulwich College Suzhou

International Baccalaureate (IB)

The International General Certificate of Secondary Education (IGCSE)

**Suzhou, China**

2012 - 2017

## WORK EXPERIENCE

### Surromind (Seoul National University)

*Artificial Intelligence Research Engineer*

**Seoul, South Korea**

July 2020 – Aug 2020

- Developed a “Human Pose Estimation” model based on Facebook AI Research Detectron2 in Pytorch.
- Benchmarked on top AI Platform (AWS, GCP, Azure) to create our own AI Platform.

### Robocore AI

*Robotics Software Engineer*

**Hong Kong**

June 2020

- Created new solutions for temi robots, combining IOT products and the mobility of temi.
- Implemented NLP, SLAM Mapping, Lidar, Machine Learning, Human/Facial Recognition solutions in real customer settings.
- Performed GUI design, system design and solved real-life customer request with AI solution

### Codecrain Inc.

*Frontend Web Developer*

**Seoul, South Korea**

June 2019 – Sep 2019

- Developed frontend web application along with a senior developer using React.js ([www.hobbyful.com](http://www.hobbyful.com)).
- Created CMS with user-facing features using React.js and Node.js.
- Improved coding of CSS and JavaScript to enhance functionality and user experience.
- Assisted in maintaining database using Node.js, MySQL, and postman.

## EXTRA-CURRICULAR ACTIVITIES

### BundlePort

*Chief Technology Officer*

**Hong Kong**

May 2018 - May 2020

- Convenient and affordable shipping service provider to order products from Korea.
- Developed Full-stack web application using Node.js and MySQL.
- Developed on Cloud server using AWS EC2, S3, Elastic Beanstalk, and CloudFront.
- Created services based on HTML5/CSS, and JavaScript enhancing UI/UX.
- Checkout our website at [www.bundleport.com](http://www.bundleport.com).

### The Hong Kong University of Science and Technology “Robotics: Software”

**Hong Kong**

Sep 2018 – Dec 2018

- Participated in 2018 Robotics internal competition as a software sub-team member.
- Built an algorithm that allows a smart car and throwing robot to move and act accordingly.
- Used C programming-based language, and developed software program that uses camera sensor, magnetic sensor, and ultrasonic.

## SKILLS & INTERESTS

### Certificates

Chinese Proficiency Test (HSK) Level 6 183  
TOEFL 103

### Languages

The Hong Kong University of Science and Technology Entrance Scholarship 2017  
Korean (native), English (fluent), Mandarin (fluent), Cantonese (Beginner)

### Technical Skills

Python | Lidar | SLAM | IDL | C/C++ | Excel | JavaScript | SQL | HTML5 | CSS3