SEUNGYUN BAEK

MACHINE LEARNING ENGINEER

DETAILS

ADDRESS
Seoul
Korea, Republic of

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010-3479-9789

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qortmddbs731@korea.ac.kr

DATE OF BIRTH
2000.07.31

LINKS

Github

Blog

Kaggle

Linkedin

SKILLS

Python
● ● ● ● ○

PyTorch
● ● ● ● ○

Streamlit
● ● ● ● ●

Git
● ● ● ● ○

EMPLOYMENT HISTORY

Machine Learning Engineer, Corca AI
Seoul

Apr 2021 — Present

- **Tech Stack : Python, PyTorch Lightning, Streamlit, Git**
- AI Consulting for Business
- Bidding Optimization in Online Advertising
    - Project Lead, focusing on communication with customers
    - Build pCTR Model with PyTorch
    - Build Dashboard for Data Evaluation with Streamlit
- Generate the poem with kogpt for giving new experience to customers
- OLED Mask Factory Optimization
    - Project Lead
    - Build GBM for reducing the product's error
- Promotion Optimization in Offline Store
    - Vectorization of the product with sales data

Intern, Mindlogic Inc.
Seoul

Jan 2021 — Mar 2021

- **Tech Stack : Python, PyTorch Lightning**
- Data Crawling and Pre-processing with Python
- Build Chatbot with kogpt3

Intern, Cryptographic Algorithm Lab
Seoul

May 2020 — Aug 2020

- **Tech Stack : Python, C++**
- Break secret key on Correlation Power Analysis (Link)

EDUCATION

Bachelor of Cyber Defense, Korea University
Seoul

2019 — Present

- GPA: 4.39/4.5

Seoul Science High School
Seoul

2016 — 2019

GPA: 3.99/4.3

EXTRA-CURRICULAR ACTIVITIES

Kaggle Study, DevKor

Mar 2022 — May 2022

- **Tech Stack : Python, Scikit-Learn, Pandas**
- Leading the Kaggle Study
- Tabular Data Competition (Easy, Hard)

- Image Classification Competition
- Sentiment Analysis Competition

Deep Learning Seminar, DevKor
Mar 2021 — Jun 2021

- **Tech Stack : PyTorch, Github**
- For college students, I focus on implementing the model using PyTorch

Cryptographic Lecture, KOEN
Sep 2020 — Sep 2020

- **Tech Stack : Python, Docker**
- Lectures on RSA

Write Crypto Challenges
Nov 2020 — Nov 2020

- **Tech Stack : Python, C, Assembly, Docker**
- KUCTF 2020 (Link)
- WCTF 2020 (Link)

System Hacking Seminar, CyKor
Mar 2020 — Jun 2020

- **Tech Stack : C, Python**
- Buffer Overflow, Shellcode

AWARDS AND HONORS

Scholarship from Kwanjeong Educational Foundation
Feb 2021 — Present

- Received 5,500,000 Won per semester

Microsoft Rice Disease Classification Challenge 11th Place - Team DevKor
Aug 2022

- URL, Repo

Kaggle Notebook Expert
Dec 2021 — Present

CODEGATE 6th Place - Team CyBie
Sep 2020

CryptoCTF 19th Place - 0N1Y_L0Z1K
Aug 2020

zer0pts CTF 4th Place - Team CyKor
Mar 2020

SungGoHan Algorithm Camp Contest 1st Place, Div 3
Aug 2019