Yeonju Seo

Software Engineer, Web Programmer

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Project

Vision AI Auto-Generation Web Application

#Team project

Project Detail: https://youtu.be/I2jcgrSERnI

GitHub: https://github.com/Auto-ML-Vision-AI-Web-App/POC

1. > Generate vision ai automatically with AutoML

   > Visualize dataset and ai generation training process

2. > **What I did**

   Front-End   React, Figma, Material ui, CSS

   Back-End   REST API Design

   etc   Leader

KUCIS(Korea University Clubs of Information Security) – Korean Cyber Attack and BAS

#Team project

Project Detail:

https://drive.google.com/file/d/1cr8kf1TTeB0mJrxlKnr_2BaG6ZvrIFwL/view?usp=sharing

1. > Generate cyber attack matrix automatically in web

   > Breach and Attack Simulation

   > for hacking simulation test

2. > **What I did**

   Front-End   React, Figma, Material ui, CSS

Daheng-dong Jung-gu Youth Culture House Web Site

#Team project

Github: https://github.com/4RG0S/2021-web-creation-volunteer

1. > Online Web game site for the young children

   > for center promotion

2. > **What I did**

   Front-End   HTML, Javascript, CSS

Skills

Front-End
JavaScript, Html, CSS, React.js, Bootstrap, Material-UI, Figma

Back-End
Flask, MySQL, Postgresql, Restful API Design, GitHub, GCP, Colab

(etc)Language & OS
Java, C, C++, Python, SQL, Linux, Windows

Experience (etc)

Club "ARGOS" – President
(2020-2021)
Official Club in CNU Computer & Engineering Department, Computer Security Study Club, with 100 members

ARGOS
– Web Hacking Education
(2019-2021)
Web Hacking on/offline education for 30~40 club members during summer vacation
(https://youtu.be/mD6hsKZOKF8?list=PLKo1AFg PzDpHZO_Px17mwcBRytJ02ukPH)

KISA K-Security Challenge : Malware Detection
(2020)
Participate malware detection using Deep Learning

Adult Contents Detection Web Application
#Team project
Project Detail: https://www.flagly.org/course/courses/274/

1. > Determine whether adult content exists in the video or pictures through AI (CNN) models
2. **> What I did**

Front-End	React, Figma, Material ui, CSS
Back-End	Flask, REST API Design, GCP
AI	CNN Modeling
etc	Leader

Diet Preference Visualization Web Application
#Team project
GitHub : https://github.com/2020-s-w-Engineering/smtm

1. > Visualize the diets by colors according to preferences of the meals on calendar and Sort the diets with providing diet pictures
2. **> What I did**

Front-End	React, CSS
etc	Leader

Thumbnail Recommendation Web Application with Vision AI
#Team project
Project Detail:
https://drive.google.com/file/d/1ufRDAZ3LS4Uy5RZPIWz2i91cT8nKZfyx/view?usp=sharing
GitHub : https://github.com/BoggleBoggleTeam/BoggleBoggle

1. > Recommend the best thumbnail among user's photos with Mask R-CNN
2. **> What I did**

Front-End	HTML, Javascript, CSS
Back-End	Flask
etc	Leader

Music Classification Web Application
Project Detail:
https://drive.google.com/file/d/1xDKlOYYNsSlSpS4kdHC5Mu4r2L1GsBNO/view?usp=sharing

1. > Classify the music with users' input
   > Music classification SNS with detailed categories
2. **> What I did**

Front-End	HTML, Javascript, CSS
Back-End	PHP

KUCIS – Z–Wave IoT Analysis Project : Packet Sniffing (Best Award Winner)
z–wave protocol s0, s2 vulnerability analysis and reproduction

Python Education Tutor
(2020) Coding Fundamentals for Problem Solving, Computer Science Thinking Python Practice and Theory Class Tutor (Assistant Teacher)

2021 CNU AI–SW Engineering Fair Web Site
(2021) with WIX
Design and Make a contest display web site
(https://cnuswaiproject.wixsite.com/2021)