

SEONGMIN JU

Undergraduate student
Daegu Gyeongbuk Institute of Science and Technology
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EDUCATION

Mar. 2021 ~ Present	Daegu Gyeongbuk Institute of Science and Technology School of Undergraduate Studies	Daegu, Korea
	Thesis: Development of Explainable AI System for Emotion Recognition and Application <i>Advisor: jeanyoung Song</i> <i>Bachelor Student</i> GPA: 3.38 / 4.3	

RESEARCH INTERESTS

- Human-computer interaction
- eXplainable-AI
- Ai systems

RESEARCH EXPERIENCES

- Research Student at Electrical Engineering and Computer Science, Daegu Gyeongbuk Institute of Science & Technology, Korea (Mar. 2024 ~ Aug. 2024) / HCI Research Planing in Autonomous Driving System
- Research Intern at Electrical Engineering and Computer Science, Daegu Gyeongbuk Institute of Science & Technology, Korea (Dec. 2023 ~ Jan. 2024) / Study on the Explainable Multimodal Emotion Recognition System
- Research Intern at Electrical Engineering and Computer Science, Daegu Gyeongbuk Institute of Science & Technology, Korea (Jun. 2023 ~ Jul. 2023) / Paper review on Human-AI

THESIS

- Thesis Accepted by Taking UGRP(Undergraduated Group Research Program) Course, Daegugyeonbuk Institute of Science and Technology(DGIST), Korea (Jan. 2023 ~ Dec. 2023)
1. A Study on Multi-Modal Emotion Recognition Systems.
 2. Exploring explainable artificial intelligence (XAI) methodologies.
 3. Proposed a explainable multimodal emotion recognition system by the pseudocode.

WORK EXPERIENCE

- Contract Worker at Management Support Team, (주)리필, Korea (Jul. 2024 ~ Jan. 2025) / Management Support, Development of Programs, Market Research
- CEO at management team, Happy Circuit, Korea (Mar. 2022 ~ Mar. 2024) / "Life style platform for AI data collection" Item Planning and Management
- Project Manager and UI/UX Designer at Planning and Operation Team, (주)온클라우드9, Korea (Sep. 2021 ~ Mar. 2022) / Service Planning and UI/UX Design

AWARDS AND HONORS

- 2023 청년 창업경진대회 동상, 대구광역시 북구청, Korea (Apr. 2023)
- PCEO X ACCEL 사업아이디어 공모전 개인부문 우수상, POSTECH 영재기업인교육원, Korea (Nov. 2022)
- PCEO X ACCEL 사업아이디어 공모전 팀부문 우수상, POSTECH 영재기업인교육원, Korea (Nov. 2022)
- 2022 ClutG-Star League 최우수상, 대구창조경제혁신센터, Korea (Nov. 2022)
- 2022 Global Innovator Festa K-리그 우수상, 대구창조경제혁신센터, Korea (Oct. 2022)
- 2022 SKHU 창업경진대회 장려상, 성공회대학교, Korea (Jun. 2022)
- 2022 예비창업패키지 최종선정 (40,000,000원), 대구창조경제혁신센터, Korea (May. 2022)

PATENTS

1. SEONGMIN JU, SIHWAN SEOK, HAEWON JEON, HAIM LEE, "사용자 주도형 인공지능 데이터 수집 방법 및 시스템", KR-Application No. 10-2023-0005909
2. SEONGMIN JU, "DauCus(테이커스)", KR-Application No. 40-2022-0239713

SKILLS AND TECHNIQUES

- TOEIC Speaking IH (Intermediate High)
- Python, C++, Raspberry Pi
- Figma

OVERSEAS EXPERIENCE

- 4차산업혁명 청년체험단 5기 활동 (Sep. 2022 ~ Feb. 2023)
- 1. CES 2023 -> Observe and Survey Technology with Generative AI and Data
- 2. Visit UC Berkeley and Silicon Valley companies -> Survey of Start-up System and Culture in the U.S

OTHER EXPERIENCE

- POSTECH 영재기업인교육원 Educational Assistant (Jan. 2022 ~)
- 1. 5 online teaching assistants , 5 offline training assistants experience
- 2. Conducting educational activities necessary to cultivate entrepreneurs, such as patent application, business opportunity search, business model, and business plan preparation