## Jiseung Hong

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Carnegic Mellon University     Pittsburgh, PA       Master of Science in Intelligent Information Systems (MTS)     Dec 2025       Korea Advanced Institute of Science and Technology (KAIST)     Daejeen, South Korea       Bachelor's Degree – School of Computing     Feb 2024       GAr: 3.544.30     Feb 2024       Work Experience     Science and Technology (KAIST)     Mar 2017 – Feb 2024       Work Experience     Science and Scholarship     Mar 2017 – Agg 2021       • Developed a software prototype to organize clusters of news articles based on relevance to a given query by applying the Learning-To-Rank (LTR) technique to a Support Vector Machine - Science and Operations Department     Dec 2019 – Agg 2021       • Developed a software prototype to organize clusters of news articles based on relevance to a given query by applying the Learning-To-Rank (LTR) technique to a Support Vector Machine - Science and Operations Department     Dec 2019 – Agg 2020       • Developed a software more yransfaitor Layer (FTL) in Python     Awarded the SK Hynix Scholarship for Excellence       Zanegic Mellon University     Aug 2024 - Mar 2025       • Developed R-Arean, a competitive framework inspired by Copitot Arean, for evaluating and automating Giftub issue resolution using paired pull repuest generation from large language models (LLMs), and Lanaw, within the OpenTands Proteget       Cancel developed and Almodel explanation platform utilizing GradCAM as a visualization tool     Sep 2023 ~ Dec 2023       • Developed R-Arean, a competitive framework inspired by Copitot Arean, for evaluating anuentaria (GradCAM)	Education	
Korea Advanced Institute of Science and Technology (KAIST)       Daejeon, South Korea         Bachelor's Degree - School of Computing       Feb 2024         GPA: 3.544.30       Korea Student Aid Foundation (KOSAF) National Scholarship       Mar 2017 - Feb 2024         Work Experience       Scongnam, South Korea         NCSOFT       Scongnam, South Korea         Developed a software prototype to organize clusters of news articles based on relevance to a given query by applying the Learning-To-Rank (LTR) technique to a Support Vector Machine       Outperformed the previous news traiking system in terms of precision, recall, and f1-score         SK Hynix       Scongnam, South Korea         Intern, Mobile Design and Operations Department       Dee 2019 - Feb 2020         • Designed a Flash Memory Translation Layer (TTL) in Python       Awarded the SK. Hynix Scholarship for Excellence         Academic Projects       OpenHands Website       Aug 2024 - Mar 2025         • Developed PP. Arena, a competitive framework inspired by Copilot Arena, for evaluating and automating GiHlub issue resolution using pained pull request generation from large language models (LIMS).       Conducted comprehensive inference tests and performance evaluations for euting-edge coding agents, including o1-mini, GPT-40, and Llama, within the OpenHands Web Platform GitHub         Korea Advanced Institute of Science and Technology       Sep 2023 - Dec 2023         • Developed an <i>M model explanation platform</i> utilizing GradCAM as a visualization tool         S	Carnegie Mellon University	Pittsburgh, PA
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NCSOFT         Scongnam, South Korea           Intern, Natural Language Processing Narrative Laboratory         Mar 2021 ~ Aug 2021           • Developed a software prototype to organize clusters of news articles based on relevance to a given query by applying the Learning-To-Rank (LR) technique to a Support Vector Machine           • Outperformed the previous news ranking system in terms of precision, recall, and f1-score           SK Hynix         Scongnam, South Korea           Intern, Mobile Design and Operations Department         Dec 2019 ~ Feb 2020           • Designed a Flash Memory Translation Layer (FTL) in Python         Awarded the SK Hynix Scholarship for Excellence           Academic Projects         OpenHands Website           Camegie Mellon University         Aug 2024 ~ Mar 2025           • Developed PR-Arena, a competitive framework inspired by Copilot Arena, for evaluating and automating GitHub issue resolution using paried pull request generation from large language models (LLMs).           • Conducted comprehensive inference tests and performance evaluations for cutting-edge coding agents, including o1-mini, GPT-40, and Llama, within the OpenHands project           GRAVISU; Hosting a GradCAM Visualization Web Platform GitHub           Korea Advanced Institute of Science and Technology         Sep 2023 ~ Dec 2023           • Developed an AI model explanation platform utilizing GradCAM as a visualization tool         Sin-NeRE7NeRF: Edifing 3D Scenees with Instructions through Segmentation and Inpainting Paper           Korea Advanced		1101 2017 100 2021
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Frameworks & Toolkits – TensorFlow, PyTorch / Learning-To-Rank (LTR), SpaCy, NLTK, Scikit-Learn, Pandas / Open CV, Depth Supervised Neural Radiance Field (DS\_NeRF), NumPy / FastAPI, Uvicorn