

Kilichbek Haydarov

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Research Interests: multimodal learning, affective vision and language, generative models

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EDUCATION

- **King Abdullah University of Science and Technology** Thuwal, Saudia Arabia
PhD - Computer Science *January 2022 - Present*
Supervisor: Mohamed Elhoseiny
- **King Abdullah University of Science and Technology** Thuwal, Saudi Arabia
MS - Computer Science *September 2020 - December 2021*
Thesis: "Towards Affective Vision and Language". Committee: Mohamed Elhoseiny (advisor), Peter Wonka, Dominik L. Michels
- **Sejong University** Seoul, South Korea
BS - Computer Science and Engineering *March 2016 - February 2020*

PUBLICATIONS

- **Adversarial Text to Continuous Image Generation:** [K Haydarov](#), A Muhamed, X Shen, J Lazarevic, I Skorokhodov, Ch Galappaththige, M Elhoseiny (CVPR 2024)
- **Affective Visual Dialog: A Large-Scale Benchmark for Emotional Reasoning Based on Visually Grounded Conversations:** [K Haydarov](#), X Shen, A Madasu, M Salem, J Li, G Elsayed, M Elhoseiny (ECCV 2024)
- **Video chatcaptioner: Towards the enriched spatiotemporal descriptions:** J Chen, D Zhu, [K Haydarov](#), X Li, M Elhoseiny (arXiv)
- **Chatgpt asks, blip-2 answers: Automatic questioning towards enriched visual descriptions:** D Zhu, J Chen, [K Haydarov](#), X Shen, W Zhang, M Elhoseiny (TMLR)
- **It is Okay not to be Okay: Overcoming Emotional Bias in Affective Image Captioning by Contrastive Data Collection:** Y Mohamed, FF Khan, [K Haydarov](#), M Elhoseiny (CVPR 2022)
- **Artemis: Affective language for visual art:** P Achlioptas, M Ovsjanikov, [K Haydarov](#), M Elhoseiny, LJ Guibas (CVPR 2021)

TEACHING EXPERIENCE

- **King Abdullah University of Science and Technology** Thuwal, Saudi Arabia
Teaching Assistant *Spring 2023, Spring 2024, Fall 2024*
 - CS283 Deep Generative Models
 - CS326 Low-Resource Deep Learning
- **Sejong University** Seoul, South Korea
Teaching Assistant *Fall 2019*
 - Data Structures and Algorithms

INTERNSHIPS

- **Intelligent Media Lab** Seoul, South Korea
Research Intern (Part-Time) *Jul 2019 - Feb 2020*
 - **Anomaly Detection:** Studied anomaly behaviors in videos.
 - **Energy Forecasting:** Assisted in building energy forecasting pipeline for residential areas.

SERVICES

- **ICCV23: 5th Workshop on Closing the Loop between Vision and Language** Paris, France
Co-organized the workshop in ICCV23 *Oct 2023*
- **Reviewer** Online
Served as reviewer for ICCV23, CVPR23 *2023*
- **SAAI Factory - Hackathon on Art and AI** Thuwal, Saudi Arabia
Gave a tutorial session on using text to image generation models *June 2021*

SCHOLARSHIPS AND AWARDS

• KAUST Fellowship <i>fully funded fellowship supports for the duration of my graduate studies</i>	Thuwal, Saudi Arabia <i>Aug 2020</i>
• National Program for Excellence in Software Scholarship <i>80% tuition fee waiver based on excellence in CS program</i>	Seoul, South Korea <i>Feb 2019</i>
• Foreign Student Scholarship × 5 <i>60-80% tuition fee waiver based on academic performance</i>	Seoul, South Korea <i>2016 - 2019</i>
• Honours Scholarship (× 4) <i>60-80% tuition fee waiver based on TOP3 academic performance within CS department</i>	Seoul, South Korea <i>2016 - 2019</i>
• Special Scholarship <i>40% tuition fee waiver due to university achievement</i>	Seoul, South Korea <i>Sep 2017</i>
• 2nd SAAI Factory Hackathon <i>our Art + AI project received TOP 1 Prize</i>	Online <i>Jul 2023</i>
• Global AI Summit AI Artathon <i>among TOP 15 and our work was showcased at Global AI Summit and Dubai Expo</i>	Riyadh, Saudi Arabia <i>Jan 2022</i>
• NeurIPS Workshop on ML for Creativity and Design <i>Our artworks on “AI constructing emotional experience from the text” were showcased</i>	Online <i>Dec 2021</i>
• SW & AI Hackathon <i>2nd Runner-up: our team created a chatbot which assists students at university campus</i>	Seoul, South Korea <i>Dec 2019</i>
• SW Coding Competition <i>3rd Runner-up in our university competition</i>	Seoul, South Korea <i>Nov 2019</i>
• SW & AI Hackathon <i>1st Runner-up: our team created a recommender system to assist students in choosing courses</i>	Seoul, South Korea <i>Jun 2019</i>