

Kilichbek Haydarov

Webpage: kilichbek.github.io

Github: github.com/Kilichbek

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

Email: kilichbek.haydarov@gmail.com

Mobile: +966-56-464-56-86

EDUCATION

- **King Abdullah University of Science and Technology** Thuwal, Saudia Arabia
PhD - Computer Science
Supervisor: Mohamed Elhoseiny
January 2022 - Present
- **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

- **Towards AI-Assisted Psychotherapy: Emotion-Guided Generative Interventions:** [K Haydarov](#), Y Mohamed, E Goldenhersch, P O’Callaghan, LJ Li, M Elhoseiny (under review 2025)
- **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 2023)
- **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

- **KAUST Academy** Thuwal, Saudi Arabia
Teaching Instructor
◦ STEPs Program: Introduction to Python
July-August 2025
- **King Abdullah University of Science and Technology** Thuwal, Saudi Arabia
Teaching Assistant
◦ CS283 Deep Generative Models
◦ CS326 Low-Resource Deep Learning
Spring 2023, Spring 2024, Fall 2024
- **Sejong University** Seoul, South Korea
Teaching Assistant
◦ Data Structures and Algorithms
Fall 2019

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

- **Workshop on Closing the Loop between Vision and Language** Paris, France
Co-organized the 5th workshop in ICCV23
2023
- **Reviewer** Online
Served as reviewer for ICCV23, CVPR23, NeurIPS25
2023-2025
- **SAAI21 Factory - Hackathon on Art and AI** Thuwal, Saudi Arabia
Gave a tutorial session on using text to image generation models
June 2021
- **SAAI25 Factory - Hackathon on Art and AI for Kids** Thuwal, Saudi Arabia
Co-organized Hackathon on AI+Art for Saudi high-school students
April 2025

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> |
| • KAUST Dean's Award <i>Award for academic achievements within the CS department</i> | Thuwal, Saudi Arabia <i>May 2025</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> |