

CEYDA CINAREL

Artificial Intelligence Research & Development

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EDUCATION

M.Sc in Computer Science and Engineering

Seoul National University  2015 - 2018 [Seoul, KOREA](#)

- BioIntelligence Lab.
- Thesis: Automatic Colorization of Webtoons Using Deep CNNs
- ★ Korean Government Scholarship


B.Sc. in Mathematics

TOBB Uni. of Economics & Tech.  2009 - 2013 [Ankara, TURKEY](#)

- + Minor in Computer Engineering
- ★ Full Scholarship


WORK EXPERIENCE

Senior Researcher & Engineer

Designovel  2020 - Current [Seoul, KOREA](#)

- **Computer Vision + NLP** : Created AI solutions for fashion & content creation applications, based on my research & ideas.
- Fashion **NER** 'brand, color, category, attribute' extraction from product descriptions. Built it from scratch; starting from data management, the annotation pipeline, data processing & model training & reporting to demo.
- Researched subjects related to **Color** . Such as; product image color classification, color naming, color palette extraction & embedding for color based search. Image colorization, color transfer.
- Trained many models on basic CV & NLP tasks on fashion domain data. Such as; image/text classification, object detection, clustering based on learned embeddings (representation learning).

Researcher

LG Electronics - AI Lab  2018 - 2019 [Seoul, KOREA](#)

NLP , **BERT** : **NER** for Korean, robust **Question Answering**

Software Development Specialist

Innova IT Solutions  2014-2015 [Ankara, TURKEY](#)

Full stack web developer for a service management system

Java **Javascript** **SQL**

PUBLICATIONS


International Conference Proceedings


- Jo, Hwiyeol and Ceyda Cinarel (2019). "Delta-training: Simple Semi-Supervised Text Classification using Pretrained Word Embeddings". In: *Empirical Methods in Natural Language Processing Proceedings 2019*.
- Cinarel, Ceyda and Byoung-Tak Zhang (2017b). "Into the Colorful World of Webtoons: Through the Lens of Neural Networks". In: *2017 14th IAPR International Conference on Document Analysis and Recognition (ICDAR)*. vol. 3. IEEE, pp. 35-40.


MY MOTTO IN LIFE

"Don't waste time doing what even a robot can do!"

WORKING PRINCIPLES

 **Creative Thinking**
Innovation should be based on thorough understanding

 **Collaboration**
"One finger cannot lift a pebble"

 **Keep Learning**
Self motivated quick learner. Keeping up-to date with the latest papers.

SKILLS

Pytorch **Jax** **Tensorflow** **Git/DVC**
Docker **ElasticSearch** **Streamlit**
Torchserve **W&B** **FastAPI** **Linux**
Azure **Dask** **Jit** **Hugging Face**

LANGUAGES

English ★★★★★
Korean ★★★★★
Turkish ★★★★★
Japanese ★★★☆☆
Italian/French ★★☆☆☆

STRENGTHS

Open Source Contributor experience contributing PRs to established libraries, participating in hackathons. have gained recognition & support from internationally renowned companies; Hugging Face Fellowship, Streamlit Creator's programs!

Technical Communication skills necessary for documentation & paper writing. But also simpler explanations of things for better understanding by beginners.

Multimodal experience not only limited to image & text but also generalizable to other modalities. Familiar with many architectures like Transformers, GAN, CNN, RNN.