Gökhan Eğri
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Education

- **Harvard University** — Cambridge, MA
  PhD Candidate in Computer Science; GPA: 4.00/4.00 — *Sep. 2020 – Present*
  Relevant Courses: Differential Geometry (MATH 136), Machine Vision (MIT 6.866)

- **Bilkent University** — Ankara, Turkey
  Bachelor of Science in Electrical and Electronics Engineering; GPA: 4.00/4.00 — *Aug. 2016 – July. 2020*
  Rank: Department (1 in 153) and Faculty (1 in 476) Valedictorian
  Relevant Courses: Statistical Learning and Data Analytics (EEE 485), Introduction to Machine Learning (CS 464), Neural Networks (EEE 443), Computational Neuroscience (EEE 482), Science Technology and Society (GE 301), Discrete and Combinatorial Mathematics (MATH 132), Engineering Mathematics I/II (MATH 241/242)

- **National University of Singapore** — Singapore
  Exchange Student in Electrical and Computer Engineering — *Aug. 2018 – Dec. 2018*
  Relevant Courses: Probability and Statistics (MATH 255)

Honors & Awards

- **Scholarship of the Turkish Prime Ministry (2016-2020)**: Awarded monthly stipend during the BSc program (given to those who rank in first 100 among 1.8 million students in nationwide university entrance exam)
- **Bilkent University Comprehensive Scholarship (2016-2020)**: Full tuition waiver and stipend during the BSc program
- **TEB İcat Çıkar Project Competition (2017)**: Ranked 1st among 15 thousand university students around Turkey
- **Nationwide University Entrance Exam (LYS)**: Ranked 61st among 1.8 million students in Turkey, 2016

Experience

- **UMRAM** — Ankara, Turkey
  Undergraduate Researcher — *June 2019 - July 2020*
  - **Anaphora Resolution in NLP Systems**: Surveyed the current approaches to Anaphora Resolution in learning-based NLP systems in the context of interpretability under the supervision of Prof. Aykut Koç.

- **ASELSAN** — Ankara, Turkey
  Data Science Research Intern — *June 2019 - August 2019*
  - **Deep Clustering for Unsupervised Learning of Images**: Implemented the Facebook paper "Deep Clustering for Unsupervised Learning of Images" in Tensorflow and resolved the "flipping-labels" problem for off-the-shelf clustering libraries under the supervision of Toygar Akgün, PhD and Metin Aktaş, PhD.

- **Micro-Design** — Ankara, Turkey
  Image Processing Intern — *June 2018 - August 2018*
  - **Histogram-correction for Thermal Cameras**: Programmed and deployed a histogram-correction program for thermal imaging cameras in C++.

Selected Projects

- **Voxel-based Visual Hull Implementation in Python (2020)**: Python implementation for creating object visual hulls from camera masks. [Github]
- **Deep Visual Hull Prior Implementation in Python (2020)**: Python implementation for Deep Visual Hull Prior. [Github] [Report]
- **Attention-based Neural Network for Wi-Fi RSS Recovery from Point Cloud Data (2020)**: Pytorch implementation of an attention-based networks for predicting Wi-Fi signal strength from sparse point cloud measurements. [Report]