Mert Bülent SARIYILDIZ

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Research Scientist at NAVER LABS Europe

Education

– Inria Grenoble Rhône-Alpes & Université Grenoble Alpes **Grenoble, France**
Ph.D. in Computer Science *09/2020 - 06/2023*
- Advisors: Karteek Alahari, Diane Larlus and Yannis Kalantidis

– Bilkent University **Ankara, Turkey**
M.Sc. in Computer Engineering *09/2016 - 09/2019*
- Advisors: Ramazan Gökberk Cinbiş, Selim Aksoy, GPA: 3.71
- Includes a 6-months internship at NAVER LABS Europe

– Anadolu (now Eskisehir Technical) University **Eskişehir,Turkey**
B.Sc. in Electrical and Electronics Engineering *09/2011 - 05/2016*
- Ranked 1st in the Engineering Faculty, GPA: 3.72
- Includes a 1-year English language program

Research and Work Experience

– NAVER LABS Europe **Grenoble, France**
Research Scientist *07/2023 - present*

– NAVER LABS Europe & Inria Grenoble Rhône-Alpes **Grenoble, France**
Doctoral Researcher *09/2019 - 04/2023*
Worked on learning visual representations that can generalize to many tasks and datasets, and evaluating the properties of such representations, under the supervision of Karteek Alahari, Diane Larlus and Yannis Kalantidis.

– NAVER LABS Europe **Grenoble, France**
Intern *02/2019 - 08/2019*
Worked on multi-modal vision and language models under the supervision of Diane Larlus and Julien Perez.

– Bilkent University and METU ImageLab **Ankara,Turkey**
Researcher *09/2016 - 02/2019*
Worked on weakly supervised visual recognition problems and image generative models under the supervision of Gökberk Cinbiş. Partially funded by TUBITAK (Scientific and Technological Research Council of Turkey), project title: "Learning Visual Recognition Models with Incomplete Supervision" (No: 116E445).

– Visea Innovative Inc. **Eskişehir, Turkey**
Project Engineer *09/2015 - 08/2016*
Worked on developing computer vision algorithms to address several industrial problems under the supervision of Cihan Topal.

Scientific Achievements

Journal and Conference Papers, and Preprints:
- Fake it till you make it: Learning transferable representations from synthetic ImageNet clones, **CVPR 2023**
  M. B. Sariyildiz, K. Alahari, D. Larlus and Y. Kalantidis.
- No reason for no supervision: Improving the generalization of supervised models, **ICLR 2023** (spotlight)
  M. B. Sariyildiz, Y. Kalantidis, K. Alahari, D. Larlus.
- Concept generalization in visual representation learning, **ICCV 2021**
  M. B. Sariyildiz, Y. Kalantidis, D. Larlus, K. Alahari.
- Hard negative mixing for contrastive learning, **NeurIPS 2020**
  Y. Kalantidis, M. B. Sariyildiz, N. Pion, P. Weinzaepfel, D. Larlus.
- Learning visual representations with caption annotations, **ECCV 2020**
  M. B. Sariyildiz, J. Perez, D. Larlus.
- Key protected classification for collaborative learning, **Pattern Recognition 2020**,
  M. B. Sariyildiz, R. G. Cinbis, E. Ayday.
- Gradient matching generative networks for zero-shot learning, **CVPR 2019** (oral),
  M. B. Sariyildiz, R. G. Cinbis.

Citations: 708, **Patents:** 2 US patents, **Awards:** Outstanding reviewer at CVPR 2021, ECCV 2022