

SAGAR VAZE

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EDUCATION

Visual Geometry Group, Oxford University *10/19 - 01/24 (Expected)*
PhD student in Machine Learning and Computer Vision
Co-supervised by Profs. Andrew Zisserman and Andrea Vedaldi
Funded by Facebook AI Research Scholarship

Brasenose College, Oxford University *October 2014 - June 2018*
First Class Honours, Master of Engineering Science
Thesis: Segmentation of Adipose Tissue in Fetal Ultrasounds Using CNNs.
Qualcomm Award for Best Biomedical Thesis

SELECTED PUBLICATIONS

No Clustering Can Rule Them All In Category Discovery
NeurIPS, 2023. Sagar Vaze, Andrea Vedaldi & Andrew Zisserman

GeneCIS: A Benchmark For General Conditional Image Similarity
CVPR, 2023. (Highlighted Paper) Sagar Vaze, Nicolas Carion & Ishan Misra

Zero-Shot Category-Level Object Pose Estimation
ECCV, 2022. Walter Goodwin, Sagar Vaze*, Ioannis Havoutis & Ingmar Posner*

Generalized Category Discovery
CVPR, 2022. Sagar Vaze, Kai Han, Andrea Vedaldi & Andrew Zisserman

Open-set Reconviction: A Good Closed-Set Classifier is All You need
ICLR, 2022. (Oral) Sagar Vaze, Kai Han, Andrea Vedaldi & Andrew Zisserman

Semantically Grounded Object Matching for Robust Robotic Scene Rearrangement
ICRA, 2022 Walter Goodwin, Sagar Vaze, Ioannis Havoutis & Ingmar Posner

Low-Memory CNNs Enabling Realtime Ultrasound Segmentation Towards Mobile Deployment
JBHI Special Issue, 2020, (Impact Factor 4.2). Sagar Vaze, Weidi Xie & Ana Namburete

PROFESSIONAL EXPERIENCE

Research Intern, Meta AI (San Francisco) *July 2023 - Present*
Working on the Segment Anything team (w/ Ross Girshick).

Research Intern, Meta AI (New York) *July 2022 - October 2022*
Worked on learning conditional visual representations (w/ Ishan Misra).

Research Intern, Curious AI *January 2019 - April 2019*
Worked on model uncertainty for planning in model based reinforcement learning (w/ Matthias Berglund).

INVITED TALKS

CogAI, Stanford University (w/ Jiajun Wu)
Learning Visual Representations for an Open World

EML, University of Tübingen (w/ Zeynep Akata)
Open World Learning

Imagine, Ecole des Ponts ParisTech (w/ Gul Varol)

Open-set recognition and category discovery

Dyson Robotics Lab, Imperial College (w/ Andrew Davidson)

Open-set recognition and category discovery

COMMUNITY CONTRIBUTIONS

Reviewer

CVPR, NeurIPS, ICML, ICLR, TMLR, ICCV, ECCV

Oxford AI Society (2019 - Present)

Leadership team (careers, sponsorships, OxAI Labs)