SAGAR VAZE

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EDUCATION

Visual Geometry Group, Oxford University *10/19 - 04/24 (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 Representation Rules 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 Recongition: 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 - December 2023*
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 Unversity (w/ Jiajun Wu)
Learning Visual Representations for an Open World
EML, University of Tubingen (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 Sociecty (2019 - Present)	Leadership team (careers, sponsorships, OxAI Labs)