Dear Reader,

The CIA-group at the University of Cambridge is seeking for a research intern for working on semi-supervised learning for semantic segmentation.

Semantic segmentation has been widely investigated in the community, in which state-of-the-art techniques are based on supervised models. Those models have reported unprecedented performance at the cost of requiring a large set of high quality segmentation masks for training. Obtaining such annotations is highly expensive and time consuming, in particular, in semantic segmentation where pixel-level annotations are required. In this internship, we will explore the state-of-the-art techniques in semi-supervised learning that use few annotations to address the problem. The intern will be responsible for developing new learning approaches and analysing challenging imaging data.

This internship is funded and has a duration between 8-10 weeks or a duration in agreement.

Desired Qualifications

- Master or PhD students in Applied Mathematics, Computer Science, Engineering or related field
- Basic knowledge in Machine Learning and Statistics
- Experience with Python Programming
- The ability to communicate scientific work in a clear and effective manner.

Contact:

Please send you soft-copy of your CV via email to:
ai323@cam.ac.uk and rihuan.ke@bristol.ac.uk