CS 6440: Colon Cancer Detectors – Polyp Predictor

Joseph Waugh

jwaugh6@gatech.edu

1 RESEARCH DIRECTORY

The following sources were collected when learning about the CT Colonography issues in the United States, and how colonoscopy and colonography images are used in detecting cancer:

1. Colorectal Cancer: CT Colonography and Colonoscopy for Detection—Systematic Review and Meta-Analysis; Perry J. Pickhardt, Cesare Hassan, Steve Halligan, and Riccardo Marmo; Radiology 2011 259:2, 393-405

2. Ries, L. A. G. (2000, May 15). The annual report to the nation on the status of cancer, 1997, with a special section on colorectal cancer. American Cancer Society Journals.

2 TECHNICAL INSIGHTSDIRECTORY

The following sources were used when learning about the neural network model development process, and the Heroku web application deployment process

1. Team, K. (n.d.-a). Keras documentation: Image Classification with Vision Transformer. Keras. https://keras.io/examples/vision/image_classification_with_vision_transformer/
2. Team, K. (n.d.-b). Keras documentation: Image Super-Resolution using an Efficient Sub-Pixel CNN. Keras. https://keras.io/examples/vision/super_resolution_sub_pixel/