

Adam Casson

CONTACT INFORMATION

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RESEARCH INTERESTS

Deep learning, computer vision, machine learning, visual scene understanding, artificial intelligence

EDUCATION

B.S. Imaging Science, *Rochester Institute of Technology* August 2013 - May 2017

Major GPA: 3.07/4.00 - Focus in Computer Vision/Deep Learning - Focus GPA: 3.83/4.00

RESEARCH EXPERIENCE

kLab, *Rochester Institute of Technology* June 2016 - May 2017
Undergraduate Research Assistant (paid) *Advisor:* Dr. Christopher Kanan

Worked on the Visual Question Answering (VQA) team. Used NLP algorithms to create a video question answering dataset. Developed a novel video feature embedding network. Created a full video question answering model.

PUBLICATIONS

Adam Casson, Kushal Kafle, and Christopher Kanan. (In Review). VUE-QA: Video Question Answering Using Deep Neural Networks. *In Review at BMVC 2017*.

RELEVANT COURSES

Artificial Intelligence

Deep Learning for Vision*
Foundations of Computer Vision*
Image Processing and Computer Vision I & II
Natural Language Processing
Computing and Control

* *Graduate level course*

Mathematics

Multivariable and Vector Calculus
Linear and Fourier Methods for Imaging
Project Based Calculus I & II
Probability and Statistics
Noise and System Modeling

SKILLS

Computer Languages

Python, MATLAB, C++

Libraries & Toolkits

Keras, Tensorflow, Caffe, OpenCV, CoreNLP, NLTK, spaCy

Operating Systems

Linux (Ubuntu), macOS, Microsoft Windows

CITIZENSHIP

United States of America

HONORS & AWARDS

RIT CIS Senior Research Symposium, Faculty's Choice Best Poster, 2017

Chester F. Carlson Scholarship, 2014 - 2017

RIT Achievement Scholarship, 2013 - 2017