Zack HODARI

ADDRESS: Room 3.25, Informatics Forum
EH8 9AB, Edinburgh, UK
EMAIL: zack.hodari@ed.ac.uk
HOMEPAGE: zackhodari.github.io

EDUCATION

Current	**PhD** in Data Science — School of Informatics, University of Edinburgh
	Supervisor: Professor Simon King
	Currently writing PhD proposal, planning to investigate more accurate generative acoustic models, for the purpose of sampling different waveforms given the same linguistic features.
2016 – 2017	**MScR** in Data Science — School of Informatics, University of Edinburgh
	Thesis: A learned emotion space for emotion recognition and emotive speech synthesis
	Supervisor: Professor Simon King
	Result: DISTINCTION — 81%
	Developed an emotion space to address issues with existing descriptions of emotion. Investigated methods to improve interpretability. Performed listening test evaluation using style adaptation for expressive text-to-speech.
2013 – 2016	**BSc** in Computer Science — Durham University
	Result: 1ST CLASS HONOURS — 79%

PROFESSIONAL EXPERIENCE

Current	Demonstrator — University of Edinburgh
	Course: Computer Programming for Speech and Language Processing
JUNE – SEPT. 2015 2015	Research internship — FootClicks
	Created error model for mobile phone's gyroscope: collected data using Inertial Measuring Unit and mobile phone for a range of device usage conditions; analysed gyro signal to determine contribution of hardware error.
JULY – SEPT. 2013 2013	Bulk testing & RMA — Brinkley Services
	Categorised faulty hardware using diagnostic tools. Handled and filed RMA requests.

VOLUNTARY WORK

SEPT. – JULY 2015 2016	President — Durham University Quidditch Club
	Managed team of 14 people. Ran sports club with 2 teams. Liaised with Students Union & Athletics Union staff.
SEPT. – JULY 2014 2016	Societies representative — Durham University societies committee
	Chaired meetings of society presidents. Represented societies on the Students Union democratic body.
SEPT. – JULY 2014 2015	Treasurer — Durham University Quidditch Club
	Handled all financial transactions. Managed budget and procured equipment for a 200-person 3-day sports event.
SEPT. – JULY 2014 2015	Tutor — Durham student community action
	Tutored A2 students in maths and further maths.

AWARDS

JULY 2016	Top 5 in the School of Engineering and Computing Sciences
NOV. 2015	Outstanding Achievement Award (performed top in the year)
OCT. 2015	Vice-Chancellor's Scholarship for Academic Excellence

PUBLICATIONS

POSTER	**Z. Hodari**, and S. King, *A learned emotion space for emotion recognition and emotive speech synthesis*, UK Speech, 2017.

SKILLS

SKILLED	Python, NumPy, Matplotlib, TensorFlow, Merlin, LaTeX
PROFICIENT	Pandas, Java, C, Keras, Theano, HTML, JavaScript, CSS, PHP, SQL