James William Hennessey

EngD (PhD) Student, University College London

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EDUCATION

University College London, London

EngD Virtual Environments, Imaging and Visualisation   **September 2013 – Present**

Supervisors: Professor Niloy Mitra (1st) and Professor Anthony Steed (2nd)
Courses: Machine Vision, Image Processing, Geometry Processing and Computational Photography.

University College London, London

Distinction, MSc Computer Science   **September 2011 – September 2012**

Supervisor: Professor Niloy Mitra
Thesis: Human Body Shape Analysis and Prediction

University of Leeds, Leeds

1st, BA New Media   **September 2008 – June 2011**

Supervisor: Dr Helen Kennedy
Thesis: Social Media Monitoring and Sentiment Analysis

HONOURS AND AWARDS

Peter Williams Prize

University College London   **November 2012**

The best performing student on the MSc Computer Science course.

Enterprise Scholarship

University of Leeds   **December 2010**

Scholarship providing training and financial support to launch my company Social Insight Ltd.

PROFESSIONAL EXPERIENCE

Adobe Research, Seattle

Research Intern   **June 2015 – September 2015**

Summer internship with Adobe's Creative Technologies Lab working on an ongoing projected focusing on teaching novices to draw. I was mentored by Holger Winnemller and Mira Dontcheva.

University College London, London

Postgraduate Teaching Assistant   **January 2014 – Present**

Teaching assistant, project supervisor and marker for modules: Introduction to Programming (GC01), Autumn 2014, Apps Design (GC02), Autumn 2014 and Software Engineering (GC22) Spring 2013.

uMotif, London

Software Engineer   **March 2013 – September 2013**

I led development of uMotif's Popup Clinic project. This includes a native Android tablet app and companion website. I also assisted in the server-side development for their mobile healthcare apps.

Social Insight Ltd, Leeds

Founder   **December 2010 – September 2011**

I founded Social Insight, a social media monitoring and sentiment analysis company, while still a student at the University of Leeds. I raised capital for the company through the university's Enterprise Scholarship.

PUBLICATIONS

Hennessey, J.W. and Mitra, N.J. (2015) An Image Degradation Model for Depth-augmented Image Editing. *Computer Graphics Forum (Proceedings of SGP 2015)* 34(5): 191-199.

PROJECTS

phpInsight, Sentiment Analysis in PHP   github.com/JWHennessey/phpInsight

An open-source sentiment classifier in PHP designed for analysing social media. The classifier uses a 'bag-of-words' approach and classifies text as positive, negative or neutral. It was initially developed as part of my undergraduate thesis, then as Social Insight Ltd, but I later released it under a GPL licence.