James William Hennessey

EngD (PhD) Student, University College London

CONTACT
INFORMATION

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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)

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**

A prize awarded to the best performing student in the MSc Computer Science and MSc Financial Computing masters programmes.

Entrepreneur First Cohort Member

Entrepreneur First **September 2012**

EF is a year-long scheme that supports exceptional technical graduates as they build high-growth technology companies.

Enterprise Scholarship

University of Leeds **December 2010**

The scholarship provided training and a small amount of capital 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.

University College London, London

Doctoral Student **September 2013 – Present**

Engineering Doctorate (PhD) student in the Centre for Virtual Environments, Imaging and Visualisation.

Code First: Girls, London

Course Instructor **June 2013 – April 2014**

Code First: Girls is a free, part-time coding course for high-potential female students taking place on university campuses . It courses teaches the basics of web programming (HTML, CSS, git, Ruby, Sinatra and Ruby on Rails).

uMotif, London

Freelance 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.

Optim.io, London

Co-founder   **September 2012 – March 2013**

A company I co-founded as part of the Entrepreneur First graduate scheme. I led development of a mobile app to help women with gestational diabetes manage their blood glucose levels and generate reports for their doctor.

University College London, London

Teaching Assistant   **January 2012 – June 2012**

As a teaching assistant for the Information Services Department, I offered support during sessions teaching software such as UNIX, Matlab and Photoshop.

University of Leeds, Leeds

Teaching Assistant   **January 2011 – July 2011**

Teaching assistant for a second year module Creating Database Applications for the Web. The module teaches PHP and SQL.

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 classifier in PHP designed for analysing sentiment on 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.