James Hennessey

EngD (PhD) Student, University College London

CONTACT INFORMATION

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RESEARCH INTERESTS

My research is focused on creating intelligent design tools that guide users through the design process. I am currently developing an image editing application that uses crude depth information to perform realistic 3D edits. Wider research encompasses image processing, geometry processing, data-driven design and HCI.

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

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. The research doctorate involves taking advanced CS modules at UCL and MBA electives at the London Business School.

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.

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.