

## CONTACT INFORMATION

e-mail: [j.hennessey@cs.ucl.ac.uk](mailto:j.hennessey@cs.ucl.ac.uk)  
website: [jwhennessey.com](http://jwhennessey.com)

github: [github.com/JWHennessey](https://github.com/JWHennessey)

## EDUCATION

**University College London**, London

*EngD Virtual Environments, Imaging and Visualisation*

**September 2013 – Present**

*Supervisors: Professor Niloy Mitra (1<sup>st</sup>) and Professor Anthony Steed (2<sup>nd</sup>)*

*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

*1<sup>st</sup>, 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.

**EF1 Cohort Member**

*EF*

**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**

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 project 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.

**Optim.io**, London

*Co-founder*

**September 2012 – March 2013**

I led development of a mobile app to help women with gestational diabetes manage their blood glucose levels and generate reports for their doctor. The company was supported by EF.

**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. <i>Computer Graphics Forum (Proceedings of SGP 2015)</i> 34(5): 191-199.
PROJECTS	<b>phpInsight</b> , Sentiment Analysis in PHP <a href="https://github.com/JWHennessey/phpInsight">github.com/JWHennessey/phpInsight</a> 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.
PROGRAMMING	I predominantly program in C++ and Matlab and have experience with many common libraries in computer graphics and computer vision (OpenGL, Cuda, OpenCV, IGL). Additionally I have experience as a web and Android developer.