

Jonathan Godwin

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EDUCATION

2015 - 2016 (Current)	<p>Machine Learning Msc <i>University College London</i></p> <p>Modules in: Supervised Learning, Graphical Models, Natural Language Processing (NLP), Machine Vision, Mathematical Methods, Affective Human-Robot Interaction, Applied Machine Learning (Optimisation) and Reinforcement Learning.</p> <p>Thesis: Deep Multi-Task Learning in NLP Supervisor: Pontus Stenetorp Exploring whether knowledge about the hierarchical relationship between sequence tagging tasks can be represented in the structure of a multi-task neural network. Built in Tensorflow.</p> <p>Kaggle: Top 12.5% Winton Stock Market Challenge</p> <p>Skills: Machine Learning, Python (Tensorflow and Scipy Stack), Matlab</p>
2008-2011	<p>Mathematics & Philosophy Bsc Upper Second <i>Bristol University</i></p>

WORK EXPERIENCE

Jun-Sep 2015	<p>Consultant, Social Finance Digital Labs¹</p> <p>- I co-led product design of Social Finance Digital Labs' analytic and machine learning web platform.</p> <p>Skills: Data Product Design, Prototyping Products</p>
Jan-Jun 2015	<p>Sabbatical</p>
Aug 2014 - Jan 2015	<p>Associate (with Product Management), Social Finance Ltd</p> <p>- I developed machine learning and statistical tools for managing public services, particularly children's services.</p> <p>- I had day to day management responsibilities for a number of projects, including managing Analysts and reporting to senior clients.</p> <p>- Successful projects include the £100m service redesign of a major city's children's services.</p> <p>Skills: Data Science, Data Product Design, Financial Modelling, Project Management and Team Management</p>
Oct 2011 - Aug 2014	<p>Analyst, Social Finance Ltd</p> <p>- I developed a data service that was an essential part of delivering projects that made up 30% of Social Finance's revenue.</p> <p>- I built the financial model for a £100m housing fund, and worked on two £7m successful Social Impact Bonds (payment-by-results contracts) tackling youth unemployment.</p> <p>Skills: Financial Modelling, Data Science, Business Strategy</p>
April 2013 - April 2014	<p>CEO, Community Capital Ltd</p> <p>- I led product development, web development, investment raising and the regulatory approval process, including being admitted to Bethnal Green Ventures.</p> <p>- During this time I worked part-time at Social Finance.</p> <p>Skills: Business Development, Product Development</p>

PROGRAMMING LANGUAGES

Python (Tensorflow, Scipy Stack), Matlab, R

1. Social Finance is the world's leading social investment intermediary and social change consultancy. Most famous for the 'Social Impact Bond', since 2007 it has mobilised over £100 million of investment and designed a series of programmes to tackle social challenges.