

Luke Sheard..

..is a British **software engineer at Redbox Digital** in London, a global ecommerce consultancy. Previously **he helped launch Outcomes.com** a medical technology company based in Berkeley, CA. He graduated from the **University of York with first class honours** in Mathematics. He enjoys writing React.js and Node.js applications and is a big advocate of open source software.

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WORK EXPERIENCE

REDBOX DIGITAL, LONDON, UK JUNE 2016 - NOW
Software Engineer

[REDBOXDIGITAL.COM](#)

Redbox Digital is a highly awarded ecommerce consultancy.

- Developed and released omnichannel sales application
- Scaled and expanded testing frameworks for react application architecture

[REACT.JS](#), [REDUX.JS](#)

IMPROVING OUTCOMES, BERKELEY, CA SEPT 2015 - JUNE 2016
Principle Engineer

[OUTCOMES.COM](#)

Improving Outcomes aims to use modern technology in healthcare to help correctly align incentives, usher in an era of data-driven care and improve patient outcomes.

- Develop and release new products within the provider and patient facing applications
- Build RESTful api endpoints
- Perform devOps tasks when new servers and assets need distributing

[AWS](#), [MONGODB](#), [ANGULAR.JS](#) / [REACT.JS](#), [D3.JS](#), [SASS](#)

FRESH DENTAL, YORK, UK MAY - AUG 2014
Product Design Intern

[FRESHSMILES.CO.UK](#)

Fresh Dental is a private dentistry for cosmetic surgery and orthodontic care.

- Produced responsive new design for entire website and social media pages
- Liaised with development team in Australia
- Produced promotional photo and videographic content

[PHP](#), [SASS](#), [PHOTOSHOP](#)

NATIONAL TRUST, OXBURGH, UK MAY - OCT 2013
Product Design Intern

[NATIONALTRUST.ORG.UK/OXBURGH-HALL](#)

The National Trust is a charity founded to preserve national treasures.

- Overhauled sections of the property website design and layout
- Created new written content and produced up-to-date images

BLURTIT, NORWICH, UK FEB - JUN 2011
Product Management Intern

[BLURTIT.COM](#)

Blurtit is an online question and answer website providing validated crowd sourced answers.

- Organized meetings with managers & content creation interns
- Performed editorial duties for team answers

EDUCATION

UNIVERSITY OF YORK, UK GRAD. JULY 2016
MMath Mathematics

FIRST CLASS HONOURS

Dissertation in numerical methods for partial-integro differential equations
modelling population in animals

[JAVA](#), [MATLAB](#), [C++](#)

UC BERKELEY, CA GRAD. MAY 2015

Mathematics & Computer Science

Undergraduate year abroad, classes in fundamental computer science topics including abstraction and data structures

[PYTHON](#), [JAVA](#)

OPEN SOURCE

Gatsby.js

Contributor to core Gatsby.js framework.

[GITHUB/GATSBYJS](#)

EXTRACURRICULAR

BERKELEY B SIDE AUG 2014 - MAY 2015

Media Editor

[BERKELEYBSIDE.COM](#)

GOODRICKE COLLEGE, YORK UK JAN - AUG 2014

Design Officer

[GOODRICKE.CO.UK](#)

SKILL BASE

Languages

Javascript (Node.js), HTML, (S)CSS, Python, Git, Java, LaTeX, C++

Frameworks

[Angular.js](#), [Express.js](#), [Gulp.js](#), [React.js](#), [jQuery](#), [Numpy](#), [SciPy](#), [Matplotlib](#), [Flask](#)

3rd Part APIs

[AWS](#), [Sendgrid](#), [Twilio](#)

PROFICIENT | PRIOR EXPERIENCE