

# 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  
**Principal 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