Luke Sheard

is a software engineer working in the Athena Core Platform Team at J.P. Morgan Chase & Co.. Previously he helped launch Outcomes.com, a medical technology startup. He graduated with first class Honors in Mathematics from the University of York with a year abroad the University of California, Berkeley.

LukeSheard /in/LukeSheard me@lukesheard.com

Work Experience

J.P. Morgan Chase & Co. aug 2016 - now

Software Engineer

jpmorgan.com

As a software engineer I work between three roles:

- Distributed Build / Hosting: I helped develop a distributed build and hosting platform for web applications.
- Application consultation: I actively advivse teams inside and outside of the Athena environment about frontend architecture decisions and development best practices for web applications.
- Core Framework Development: I develop proprietary and open source frameworks for developers to use in their applications and help develop the frameworks used by Athena for it's SDLC processes and application deployment.
- UI Toolkit: I am part of the strategic group for the UI toolkit used in the J.P. Morgan Investment Bank markets sector.

Redbox Digital, London, UK june - aug 2016

Software Engineer

redboxdigital.com

I was employeed as a contractor to develop a React-Redux sales application for a global multi-channel retailer. Practicing agile methodology and continuous development we developed a feature rich solution with thorough unit and integration testing.

Outcomes.com, Berkeley, CA june - aug 2016

Lead Software Engineer

outcomes.com

Outcomes.com was founded to improve the long term care of patients. I was the first employee of the company and developed much of the company's deployment strategy, internal tooling and external facing applications.

Skill Base

Languages

Python, TypeScript, Node.JS, Java, LaTeX, C++

Technologies

React, Git, Linux, SQL, SVN AWS, Redis, MongoDB

proficient | prior experience

Open Source

Perspective.js

jpmorganchase/perspective

A streaming data visualization engine for Javascript.

Inferno.js

infernojs/inferno

Inferno is an extremeley fast react-like library for building user interfaces.

Education

University of York, UK grad. July 2016

MMath Mathematics

Studied a range of pure & applied mathetmatics topics, ultimately specializing in numerical analysis of partial-integro differential equations, producing a honours thesis about the dynamics of populations.

UC Berkeley, CA grad. May 2015

Mathematics & Computer Science

Selected as one of four undergraduates to study abroad, I studied computer science fundamentals and graduate mathematics classes.