

# Daniel Saxil-Nielsen

Website: <http://dtsn.me>

Open source code example: <https://github.com/datasift/trace>

## Skills

- Expert in JavaScript with over 8 years experience creating high performance applications and tools.
- Fluent in the use of a number of leading JS frameworks including D3, Backbone, Underscore, jQuery and RequireJS.
- Expert in HTML and CSS.
- In depth experience of UX and evolving user journeys to increase conversion.
- Good knowledge of server side languages, including PHP and NodeJS.
- Experience of SQL and noSQL (redis).
- Revision control, Git and Subversion.

## Previous Experience

2013 - 2016: Senior Frontend Engineer, DataSift

Working as a senior frontend engineer focusing specifically on JavaScript I designed, architected and built DataSift's Plyon dashboard. Using Backbone JS, with an MVC architecture, I created a custom interface which allows customers to explore multi-dimensional relationships through complicated graphs.

Designed and built a custom CMS system based upon Jekyll. Utilising Githubs REST API I was able to create an automated flow from making file changes to deployment, without the user needing to understand Git or deployment.

2012 - 2013: Data Artist, DataSift

Created new and original ways to explore and gather insights of complex data structures through the use of JavaScript visualisations. While working closely with the data science team we produced a large number of custom visualisations using the d3 JavaScript library.

2010 - 2012: Frontend Lead, DataSift

Lead the front end team, which consisted of 3-5 engineers and 1 designer. Created and maintained the PHP application of DataSift. This included project management as part of a SCRUM process. Creation of the brand and its guidelines, ensuring the adherence to them both internally and externally.

2008 - 2010: Frontend Developer, TweetMeme

Designed and built TweetMeme, focusing especially on the TweetMeme Retweet button that inspired Twitter themselves create the Retweet button. This small JavaScript widget was scaled to handle 500 million users per day and installed on millions of websites.

Worked on improving the SEO of TweetMeme eventually bringing it into one of the top 500 websites in the world.

2007 - 2008: Front End Engineer, Favorit

Responsible for the creating of Favorit, a real time RSS reader. I was responsible for the overall look and feel of Favorit as well as implementing the extensive JavaScript features.

2005 - 2007: Launchpad, University of Reading

Create, designed and managed all aspects of a complete custom CMS system for the University of Reading, using ASP.NET & C#.

2006 - 2006: Assuria Ltd

8 week Shell Step student placement to design and build a secure intranet and Internet site for their customers.

## **Education**

- 2004 - 2007: Artificial Intelligence and Cybernetics BSc, University of Reading - First Class Honours. Received a commendation, and best in school for my final year project.
- 2002 - 2004: 4 GCE A Levels - Physics, Economics, Design & Technology, General Studies, 1 GCE AS Level - Maths
- 1997 - 2002: 10 GCSE A-C Grade

## **Hobbies & Interests**

I enjoy gardening, having my own allotment means I can grow loads of vegetables. I love tinkering with robotic systems, both the electronics and software. I am very much into the design of everyday things and how they can be improved. I also enjoy varied sports outdoors such as cycling and dog walking.