

55 Earl Street, Lancaster, LA1 2AF  
+44 (0) 7547 232 085

# ADAM SMITH

adamjcsmith@gmail.com  
linkedin.com/in/adamjrsmith  
github.com/adamjcsmith

## EMPLOYMENT

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<b>Software Engineer, Intern</b>	<b>Atlantic Geomatics</b>	<b>January 2016 - Present</b>
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- Engineered a JavaScript plugin, Offlinify, enabling reusable offline functionality for web applications
- Reduced API data load time by 20% after plugin implementation
- Intermittent, slow and unreliable connection cases handled through the plugin implementation

<b>Freelance Developer</b>	<b>Supp! Lancaster</b>	<b>November – December 2015</b>
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- Developed an interactive, mobile-first landing page, achieving higher company engagement and interest
- Re-designed the master layout to accommodate all devices and utilize screen space more effectively

<b>Web Developer</b>	<b>CSP Detailing</b>	<b>August 2013 – August 2015</b>
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- Developed a responsive web solution, driving increased sales through a friendly, memorable brand
- Integrated HTML5 video, an innovative price estimator and a bespoke e-commerce platform
- Co-ordinated with the company bi-weekly to review progress and update goals

<b>Summer Research Internship</b>	<b>HighWire DTC</b>	<b>July – September 2014</b>
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- Engineered collaborative whiteboard software, enabling the sharing of ideas in teams
- Replaced the previous app with a customisable, scalable and computationally efficient solution
- Node.js, Redis and MySQL were used to handle multiple users and co-ordinate synchronization

## TECHNICAL SKILLS

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- Node.js, JavaScript, PHP, Python, Java, MySQL, Redis, Mongo, C, HTML, CSS
- AngularJS, Gulp, Sass, Bower, jQuery, Unix, Bash, Cloud Infrastructure

## EDUCATION

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<b>MSci Computer Science</b>	<b>Lancaster University</b>	<b>October 2015 – May 2016</b>
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- First Class Honours (expected)

<b>BSc Computer Science</b>	<b>Lancaster University</b>	<b>October 2012 – May 2015</b>
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- First Class Honours (17.2/24)

### Relevant Modules:

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|--------------------------------|---------------------------|-------------------|
| • Advanced Programming         | • Operating Systems       | • Data Mining     |
| • Networking                   | • Languages & Compilation | • Software Design |
| • Advanced Distributed Systems | • Artificial Intelligence | • Security & Risk |

## TECHNICAL EXPERIENCE

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### Projects

- **Offlinify** (2016). JavaScript plugin enabling the local storage and editing of API data, for synchronization when a remote connection is later available. AngularJS, JS
- **Eagle** (2014 – 15). Visual exam board software, with innovative graph formats suitable for large and multidimensional data. Node.js, JavaScript and Mongo

## ADDITIONAL EXPERIENCE AND AWARDS

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- **Global StartUp Weekend 2014:** 1<sup>st</sup> Place, with an algorithm to identify and reduce internet trolling
- **InnovateUK Start-Up Contest 2016:** Finalist; pitching held in London about innovative digital citizenship
- **Computer Science Society:** Vice-President for two years (2014-16)