

Joseph Carter

PERSONAL DETAILS

HOME ADDRESS: Available on request (email please)
PHONE:
EMAIL: joe@josephcarter.co.uk

WEBSITE: <http://josephcarter.co.uk>
LINKEDIN: <https://uk.linkedin.com/pub/joseph-carter/65/a28/269>
GITHUB: <https://github.com/ylt>

EDUCATION

2014-2015	BSC Hons: Software Engineering, University of Wales: Trinity Saint David • Major Project • Interactive Graphics Programming • Real-Time Systems Development • Advanced Web Development • Distributed & Cluster Based Enterprise Applications	2:2
2012-2014	HND: Software Engineering, University of Wales: Trinity Saint David • Application Design & Development • Systems Software & Multi-User Applications Engineering • Database Management Systems • Data-Centric Windows Programming • Algorithms & Data Structures • Implementation Project	Pass

WORK EXPERIENCE

2011– PRESENT	Innotex Development and Sysadmin, responsible for deploying and running the servers and am on-call for any issues. Develop web applications (such as the new notification system) and also responsible for fixing existing applications in the case of emergencies. http://innotex.co.uk
2010	Bluestone GCSE work experience: basic network admin, itemised inventory, set up the DHCP virtual machine management (safely power down on signal from UPS). Learnt about VLANs, etc. http://www.bluestonewales.com

PROJECTS WORKED ON

2015	Wallace (& Grommit) Grommit is a modular node.js plugin and event system (in Wallace repository for now), allows loading, unloading and refreshing of plugins Wallace is a bot implementation ontop of Grommit that takes advantage of the flexible behaviour. https://github.com/WritheM/Wallace
2014– 2015	Major project (2:1): \LaTeX editor A web-based \LaTeX editor. A lexer and parser which allowed creating an object view of document, which was then transformed into XML, this was then styled via css. Edits could be transferred back to LaTeX by reversing the process: reading in the DOM and generating LaTeX code. https://github.com/ylt/LaTeX-Editor
2014	AWESOME Worked on AWESOME in the early stages, done the majority of code which I handed off to Keiron O'Shea. AWESOME is a questionnaire system that provides personalised questions for each user based upon their modules. It was implemented as regular PHP with Twig being used for views. https://github.com/bbrks/AWESOME

SKILLS

Sysadmin:	Debian, Ubuntu, CentOS
Continuous Integration:	Jenkins, Travis, Gradle
Platforms:	Django, Symfony, Twisted, Drupal, Nodejs
Programming Languages:	PHP, Javascript 5 + 6, Python, Java, Bash, C, C++, Go
Other Technologies:	MySQL, PostgreSQL, MongoDB, Apache, Nginx, Lighttpd

REFERENCES

Keiron O'Shea (AWESOME)	07825 153 155	https://www.d3s.co/keiron_ref.pdf
Brian (Innotex)	000	https://www.d3s.co/brian_ref.pdf