Kevin Dodge

Software Engineer with a passion for UX/UI

28 Main Road
Christchurch 8081
New Zealand

+64 20 431 5000
kevin@kevindodge.me

EXPERIENCE

Software Engineer *SLI Systems*
Christchurch, NZ   2014–present
▪ Communicate directly with clients on implementation of site search for e-commerce
▪ Develop new products using JavaScript and associated frameworks, such as *Rich Auto Complete* to boost sales and drive site traffic
▪ Provide critical support to production systems, including realtime server and database operations
▪ Stack: Linux, Apache, Solr, Java, Perl, PHP, jQuery, in-house language, SVN, Gitlab

Researcher   *The University of Chicago*
Chicago, IL, USA   2013–2014
▪ Researched and developed rigid body mechanics simulation in C
▪ Developed graphing and analysis tools for simulation data in Python
▪ Presented research at the American Physical Society's Department of Fluid Dynamics meeting in November 2014, and at the US National Congress on Theoretical & Applied Mechanics in June 2014

Researcher   *Cornell University*
Ithaca, NY, USA 2012
▪ Experimental study of high energy-density plasmas
▪ Designed an experiment to test a leading theory on comet tail disconnection
▪ Analysed experimental data in Python

Web Developer   *Freelance*
Syracuse, NY, USA 2008–2010
▪ Designed and implemented several new websites for local businesses
▪ Set up and taught non-technical staff the use of Joomla! CMS

EDUCATION

Cardiff University Cardiff, UK
Computer Science (Study Abroad Programme), 2014

The University of Chicago Chicago, IL, USA
Bachelor of Arts in Physics, 2014
Honours Included: *Dean's List*, 2010–2014

SKILLS

Frontend Development	HTML5, CSS3 (SASS), JavaScript (jQuery), PHP
Software Engineering	Python, C, Java
Systems Administration	Linux (Bash, Perl), Apache, Nginx
E-Commerce	Magento, Usablenet, Tealium, Google Analytics
Data Analysis	SciPy, NumPy, Mathematica
Graphic Design	Photoshop