

Kevin Dodge

Software Engineer with a passion for UX/UI

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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, Aurelia, 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, AngularJS, Aurelia), 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