

daniellemon

software developer

about

Swiss +41763040272
UK +447852412132

dan@danlemon.com
http://danlemon.com
github.com/dan2k3k4

Birth: 12th May 1988
Nationality: British
Available: Immediately

languages

English native
French intermediate
Bulgarian beginner

programming

Java
Python, \LaTeX , Android,
MySQL, C++, Arduino

web

Drupal, JavaScript,
Wordpress, HTML5,
CSS, PHP, jQuery,
XML

tools

Eclipse, JIRA, Git,
Subversion (SVN), ant,
Maven, junit, Swing,
cron, bash, SSH

operating systems

Windows XP/7,
Windows Server 2003,
Linux (Ubuntu,
Scientific Linux CERN
5, and Redhat).

virtualisation

VMware, VirtualBox

profile

Enthusiastic & outgoing with a determined outlook on enhancing software development projects by utilizing agile methodologies with a keen interest in open-source projects.

Java (intermediate): Built my final year project as a educational **android** game based on CERN that simulated the LHC particle collisions.

Built an **open-source** GUI based XML-editor that was created from an older tool; re-engineered the previous version to produce PLC (Programmable Logic Controller) code over an NFS network by interacting with a Python script as well as implemented other features like a custom file lock system for the IEPLC project in CERN.

Produced **open-source modifications** for Call of Duty 4 (PC) within a team of 4; ensuring everything was packed together for regular monthly releases.

Javascript: Currently participating in Code Year by completing a new set of Javascript & jQuery courses each week for a full year.

education

09/2008 – 07/2012

Computer Science, Bachelors of Science (2:1)

Brunel University, London, UK

Completed various JAVA programs ranging from my prototype 2D Android game to a GUI tool that represented how different Sort algorithms function.

09/2007 – 07/2008

Foundations of Information Technology

Brunel University, London, UK

Completed a C++ CLI (command-line interface) that demonstrated advanced mathematical functions.

09/1999 – 07/2005

A-Levels

Canon Palmer School, London, UK

Specialization in Computing, Mathematics & Physics. As well as AS-Level in Business Studies & 10 GCSEs.

experience

06/2010 – 07/2011

CERN, Geneva, Switzerland

Technical Student: Software Developer

Built a JAVA GUI-based XML-editor that interacted with a Python script to produce PLC (programmable logic controller) source code over an NFS network. Involved in all stages of the software development cycle from initial UML designs, to coding, testing and writing the user and technical documentation. Managed tasks and bugs on JIRA, source on SVN, tests built with junit and GUI built using Swing, build script via Ant.

04/2010 – 06/2010

Circaliti, London, UK

Freelance

Updating and integrating different Wordpress plugins. Implementing design changes in PHP as well as updating the layout to include a jQuery slideshow.

04/2010 – 05/2010

Mikamai, London, UK

Freelance

Updating the company website to include a new portfolio layout using an open-source CMS platform written in Ruby. Also tasked with updating the Wordpress blog layout and integrating Facebook plugins as well as managing the Facebook page to increase brand awareness.

09/2009 – 12/2009

Diffiniti, London, UK

Freelance

Working with a team of people who specialise in Search Engine Optimization (SEO) for various large clients. Work involved submitting client information to on-line directories, clients involved Sky and AutoTrader.

volunteer

08/2012 – 08/2012	CERN, Geneva, Switzerland Involved in organising, promoting and ensuring the smooth running of the first official CERN Summer Students Webfest, similar to a weekend long hackathon.	Assistant Organizer
08/2011 – 08/2011	Global Hope Network International, Dire Dawa, Ethiopia Spent a week volunteering with some of the world's poorest. Involved in working with building communities between 3 different villages by organising football matches and creating dialogue with the village elders.	Short-Term Team
10/2006 – 05/2007	Whistler Village Host, Whistler, BC, Canada Providing way finding assistance to visitors as well as information and history of the village.	Village Host
10/2006 – 12/2006	Maurice Young Millennium Place, Whistler, BC, Canada Verifying event tickets on the door as well as helping to set-up or dismantle the theatre stage.	Doorman
11/2006 – 12/2006	Whistler Film Festival, Whistler, BC, Canada Interviewed people and conducted surveys around the village to record peoples' feelings of the festival.	Interviewer

activities

Young @ CERN & Technical Student Social Organizer; Organised and managed monthly social events for the students working in CERN. This helped to build a community between the students & improved social interactions.

Participated in **Start-up Weekend Geneva 2010**, involved with a team that aimed at creating a fashion company by re-using unsold products from large clothing distributors and **Start-up Weekend Lausanne 2011**, involved in a team that aimed at building a geo-localisation application focused on providing local shopping deals. The Start-up Weekend events focus on building a start-up company from idea to demo over a 56-hour period in one weekend.

Assistant Organizer for the Graduate Developer Community, help to create and schedule new events with the other organizers. Attended various events including an introduction to using Agile methodology.

Member of the **London Java Community**, attended various different events as well as being a member of several other meet-up groups such as: London Android Group, PHP London Group and Facebook Developers Garage London.

Attended DroidCon 2011, an **Android developers conference**, TEDxGeneva 2011, LiFT 2011, and participated in open-source start-up events aimed at teaching students how to get started with an open-source project: from how to commit changes; to forking when building new features.

Avid **snowboarder** and thoroughly enjoy **travelling**.

other

10/2006 – 08/2007	The Old Spaghetti Factory, Whistler, BC, Canada Clearing and resetting tables as fast as possible to ensure a quick turnover of customers to the restaurant.	Busser
10/2006 – 07/2007	Subway, Whistler, BC, Canada Constructing professional looking sandwiches to a customers' expectation with a high level of cleanliness.	Sandwich Artist