
LEO HEMSTED

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PERSONAL

A confident and sociable full-stack web developer, with two years of experience with the postgres, python, javascript stack.

In the last two years I have become adept at writing software within an agile environment. I'm most experienced with web application development but am interested in a wide spectrum of technologies and concepts.

EMPLOYMENT HISTORY

July 2013 – Present: **Arts Alliance Media: Software Developer**

- **Key info:** Python, PostgreSQL, Javascript, Pair Programming, Scrum
- Full stack developer writing rich web-apps for a leading SaaS company in the digital cinema industry
- Primary project is a large postgresql, sqlalchemy, cherrypy, backbone.js advertising solution, with an intricate dynamic ad placing engine at its core
- Development, maintenance and support for a large scale financial django application with heavy SQL usage
- Core developer on a greenfield bookings application with regular stakeholder demos and continuous redesign based on feedback
- Instrumental in adoption of cloud-based continuous integration and unit test coverage tracking
- Helped organise, run and continually improve scrum meetings for our fortnightly sprint cycle
- Organised regular Friday afternoon "video hour" sessions to watch and discuss relevant conference talks and presentations
- Member of social committee, responsible for arranging social events and office parties

September 2011 – July 2013: **HGL Dynamics: Junior Software Developer**

- **Key info:** C++, SQL, Client-facing, Support, Windows
- C++ Developer for a small but active company producing testing solutions for the Aerospace industry, developing software for both desktop computers and touchscreen tablet devices
- Was a key proponent of introducing company-wide automated testing, creating test frameworks and unit tests for existing code
- Projects included a server-client driven file conversion tool, a variety of modifications and code style improvements to existing large projects, and GUI work for a variety of real-time data analysis touchscreen applications
- Wrote and maintained a variety of documentation, including patch release notes and verification testing reports
- Handled client-facing support queries, and spent one month at a client site assisting and supporting usage of our software.

HIGHER EDUCATION

2008 –2011: **University Of Birmingham**

BSc (Hons) Computer Science – 2:1

- 1st class marks in all group projects and modules, including 86% in a Team Java module where I worked in a team of four to create a networked game in Java
- Consistently achieved marks greater than 90% in the majority of coursework

PERSONAL

TECHNICAL

- Python libraries: SQLAlchemy, cherrypy, django, celery, unittest, mock, py.test, selenium. Some knowledge of nose2, db.py, and google's rest api python wrapper
- Javascript libraries: JQuery, Backbone, DataTables, require.js
- C++(98): STL, Boost, GUnit
- Java: Some knowledge retained from university: Swing, JDOM, JSP, JDBC
- Other: Additional experience with node.js, jenkins, shell scripting. Comfortable in a bash terminal.
- Very comfortable with git, with some experience with svn

INTERESTS

Hugely passionate about indie, folk and electro music. Just ask me about mashups! Real ales are great too. When the weather's sunny I enjoy mountain biking, when it's snowing I enjoy skiing, and all other times of the year I enjoy board games and video gaming.