

# James Grafton

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## Personal statement

As a keen Objective C and PHP client facing senior technologist, I have produced several independent software releases across various platforms and devices including, games for the Nintendo DS, applications for mobile devices and various Wordpress based desktop solutions. I excel at understanding and applying technology in a commercial context, a skillset that has served me well when architecting and delivering various software solutions to market and ensuring their commercial success. During my career I have gained experience across the IT industry, working for both larger more established companies such as IBM as well as freelance roles as a consultant to several start-ups.

My current role involves leading the technical implementation and product architecture for Weboo, a London based start-up. During that time I have gained exposure to every part of the software development lifecycle, one example being the architecture, product and project management and the delivery of an [iPad application management system](#) whilst working at Weboo. I am looking for a senior level client facing technical role, which will challenge, allow for additional responsibilities and help further develop my skills and exposure to new technology.

## Computer experience and skills:

- Programming using: Objective C, HTML5, CSS3, PHP, Javascript (jQuery) MYSQL, J2ME, J2EE (EJBs, Servlets and JSP), J2SE, J2SE (JNI), MatLab, CORBA, SOAP, ANT, Python, C, Objective C, C++.
- Unix system administration and server maintenance using WHM and cPanel.
- High level of expertise developing bespoke solutions on the Wordpress platform.
- Experience developing for several devices: T-Mobile G1 (Android), Sony PSP, Nintendo DS, iPhone & iPad.
- Experience developing on various platforms: AIX, Solaris, Windows, Linux, HP/UX.
- Experience leading successful teams delivering valued software solutions.
- Programming Games using C++ with SDL, OpenGL (basic Knowledge), Devkit Pro (Nintendo DS).
- Experience developing for exotic peripherals in C++ in regards to computer game development (Eye tracking).
- Doing basic 2d pixel art in Photoshop.
- Designing and writing content for various websites.
- Experience with document generation software (Latex).

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## Work experience:

### May 2012 – Present [Weboo \(http://weboo.biz\)](http://weboo.biz) - Senior Technologist

- Architected, product managed, project managed and delivered [Fliplet](#) to market.
  - Managed team of developers and designers.
  - Built and enforced a series of Agile development processes which significantly improved efficiency and quality.
- Led development efforts for web development agency solutions.
  - Gained expertise in Wordpress plugin and theme development.
  - Increased knowledge of HTML5 CSS3 technologies specialising in performance on mobile devices.

## July 2010 – Present **Assentec Global** (<http://assentec.com>) - **Technical Director**

- See the growing importance of mobile technologies both in a consumer and business context I decided to setup my own mobile consultancy and development company in the summer of 2010.
- Work has included:
  - **Recipe Shopper App** (<http://recipeshopperapp.com/>) (developed, designed and marketed).
  - **Startup Intelligence** (<http://startupintelligence.net/>) (Technical consultant, Business consultant).
  - **Launch48** (<http://launch48.com/2010/11/28/the-teams-at-alpha/>) (Ran a mobile development company for the weekend).
  - **Launch48** Acted as a technical mentor for all start-ups at the event.

## August 2007 – May 2012 **IBM – Senior Developer**

- Part of the mobile technologies leadership team within Tivoli culminating in the delivery of a bespoke mobile POC at IBM Pulse in Las Vegas USA.
  - Lead development team to produce an Omnibus Integrations SDK.
  - Develop C++, Java, C network monitoring software for Tivoli Omnibus product suite.
  - Managed full software development lifecycle for Integrations products and build system.
  - Re-organised entire teams build infrastructure using knowledge gained from IBM Hursley.
  - Received letter of commendation (performance was rated in the top 5%) from VP for work in 2008/09, 2009/10, 2010/11 and 2011/12.
  - Involved in several customer facing rolls.
  - Experience working in a corporate environment with Java and C++ code and working with projects with a large codebase.
  - Currently hold three U.S and European patents as well as having eight published technical articles.
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## Education:

### University

**University of Sussex Falmer Brighton BN1 9RH (Sep 2004 – Jul 2007)**

I graduated from Sussex University with a 1<sup>st</sup> class degree in Computer Science BSc (Hons) and Artificial Intelligence, below are a selection of my modules:

- **Further Artificial Intelligence:**

In this course I achieved 75% and created several projects in Java utilizing advanced techniques such as Multilayered Customizable neural networks.

- **Distributed Systems:**

In this I designed several programs utilising TCP/IP, UDP, RMI, studied P2P protocols and distributed hashtables, earning me a grade of 80%.

## Paid work while at University:

### September 2007 – Sussex IT trainer

- Public facing experience giving educational presentations.

### December 2006 – Sussex Hospital

- Ran development project to help Alzheimer's patients.

## Projects

My final year project was completed in mid June 2007, it involved using eyetracking in a 2D top down game directly engineered for this purpose written in C++ with SDL. My dissertation report can be found at: <http://jamesgrifton.com/report.pdf>. For further information on other demo's can be found at: <http://jamesgrifton.com/demo.php>.