

John ARCHAMBAULT

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Overview:

- Object-oriented PHP developer putting MVC design principles to use in support of high-volume websites, whose unique visitors number in the hundreds of thousands each day.
- Experienced in the field of IPTV, creating leading-edge systems and applications for one of France's largest multimedia companies.
- Debugger of large-scale systems backed by millions of lines of code.
- Creative problem-solving skills that have been refined through years of experience in a start-up atmosphere.
- Completed the Minor Certificate Program in Computer Science at the University of Massachusetts, Boston in May, 2008.
- Experience building organizations while working collaboratively with a diverse community.

Computer & Language Skills:

- **Programming keywords:** HTML, CSS, XML, JavaScript, jQuery, PHP, Zend Framework, SQL, Doctrine
- **Creative applications:** Photoshop, Illustrator, Fireworks, Flash/Flex, Acrobat, Cakewalk Pro Audio
- **Operating systems:** Windows, Macintosh, Red Hat, Ubuntu
- English (Expert); French (Intermediate)

Experience:

Le Groupe M6 (via Solutec)

August 2010 – Present

Lead Developer

- Developed the proof-of-concept for M6's Samsung TV application; researched all aspects of this novel technology and reported the findings to senior IT management.
- Enhanced and debugged both the front-end and back-end of several websites in the M6 portfolio.
- Developed the web services that support M6's new multi-device video-on-demand service.
- Collaborated with other developers in the migration of M6's entire catalogue of images into a newly-developed back-office database.
- Developed a feature-rich jQuery interface for scheduling the publication of all videos in the M6 online catalogue.
- Created novel SEO-related algorithms for improving the search engine visibility of Flex-based websites.

MIT Environment, Health & Safety Office, Cambridge, MA

November 2004 – August 2010

IT Consultant I/EHS-Management System Project Coordinator

- Designed, developed and implemented web-based reporting tools that provide key metrics regarding the Environment, Health & Safety Management System (EHS-MS).
- Analyzed all aspects of MIT's hazardous waste shipment process, and then developed a web application to manage all data related to it (prototype can be seen at http://ehs.mit.edu/johnarch/waste_manifest_demo/).
- Created the web architecture for the EHS website: (<http://ehs.mit.edu/>).
- Collaborated with the Department of Information Systems and Technology in the development and maintenance of technologies and processes that support a university-wide EHS-MS, and especially with respect to the level II inspection system; elicited & analyzed requirements, created prototypes, and planned user acceptance testing.
- Performed logistical analysis and made recommendations regarding MIT's campus-wide chemical inventory initiative; instructed members of the EHS-MS community on the usage of the ChemTracker chemical inventory software.
- Was webmaster for the Campus Safety Health and Environmental Management Association's 2007 Conference website.
- As administrative liaison to Departments, Labs & Centers across the MIT campus, collaborated with the greater MIT community to ensure both the delivery of office services and the effective implementation of the EHS-MS.
- Provided technical support for all aspects of the EHS-MS; troubleshooted issues encountered by end-users.
- Co-Instructor for the EHS courses "EHS Representative Orientation" and "Building a Toolbox for the EHS Coordinator"; planned, developed & gave interactive presentations regarding the technology used to support the EHS-MS.

MIT Media Laboratory, Cambridge, MA

July 2002 – August 2004

Office Assistant II

- Coordinated and arranged visits to the lab from an international audience of government ministries, corporate sponsors, members of the press, and distinguished guests.
- Coordinated distribution of press publications on behalf of the lab.
- Webmaster of the Digital Life research consortium (<http://dl.media.mit.edu/>)
- Assisted in the administration of the lab's executive offices.
- Assisted budget preparation, financial management, and purchasing on behalf of the Communications and Sponsor Relations group (CaSR).

Professional Staffing Group, Boston, MA

January 2001 - June 2002

Administrative Assistant

- Assistant to the Associate Director of Finance, MIT Media Laboratory; designed the internal office website.

- Administrative Assistant, Boston University Medical Center; coordinated manuscript submissions & reviews; transcribed medical records & business correspondence; managed reference database for the Director of the General Clinical Research Center.
- Conducted advertising research on behalf of *Supply Chain Management* and *Logistics Management* magazines; coordinated marketing & promotional mailings; established contacts with potential advertisers.

Education:

- Bachelor of Arts, English, University of Massachusetts, Amherst, MA February, 2001
- Minor Certificate, Computer Science, University of Massachusetts, Boston, MA May, 2008