

# Aaron Traas

✉ aaron@traas.org    🔗 <http://traas.org>  
☎ 732.508.7227    🐦 @AaronTraas  
📍 76 Orchard Road, Maplewood, NJ 07040

## Objective

To seek employment at a bold company that strives to push the boundaries of mobile and web applications and related technologies.

## Experience

### **Director of Technology – McCann Regan Campbell Ward**

*January 2012 – present*

As the Director of Technology, I am responsible for technical strategy, architecture, design and implementation of all web, mobile and social application development at McCann Regan Campbell Ward.

Responsibilities include:

- Partner with Account Management and Business Development in developing client relationships and in pursuing client leads and creating new opportunity.
- Partners with business development on technology sections of proposals.
- Very comfortable delivering presentations to prospective clients and current clients demonstrating Technology leadership.
- Works with the Client Services' teams and Project Managers to translate the client's business requirements to a sound technical architecture/approach.
- Oversight of software development and QA testing staff and contractors.
- Setting and enforcing code style and quality standards organization wide, and for vendors.
- Discovery, scoping, and estimation for all digital and technology projects in the agency.

### **Lead Software Engineer – Group DCA**

*October 2007 – January 2012*

I was the lead front-end developer and architect at GroupDCA, and managed a small team of very capable developers. Though my team's specialty was front-end, we worked on all tiers of the company's stack using technologies such as PHP, Java, MySQL, Apache, and Objective C to build applications. Responsibilities include the following:

- Prototyping, architecture, and partial implementation of a very animator-friendly toolkit used to rapidly build interactive web applications with both HTML5-, iOS- and Flash-based presentation layers.
- Architecture, and implementation of company-wide content-development workflow automation tools between multiple applications (MS Office, OpenOffice, Oracle, PHP, Java).
- Architecture and implementation of industry award- winning multi-tier RIA platform using Java (JSP/Struts/Spring/Hibernate/BlazeDS) and MySQL, with HTML + Flash/Flex presentation layer.
- Continuing development, maintenance, and deployment of a website visited by 100,000+ physicians using Java (JSP/Struts/Spring/Hibernate).
- Procurement, configuration, deployment, and maintenance of multiple Linux (Red Hat, Ubuntu) servers running Apache and Tomcat.

## **Software Engineer – Vonage**

*December 2006 – October 2007*

Maintained, and added numerous features to [www.vonage.com](http://www.vonage.com), investor relations site, and internal knowledge base used by customer care. PHP, MySQL, and Oracle backend. Front end was DHTML/JavaScript and Adobe Flash.

- Aided in transition to multiple language support on main site.
- Implemented multiple dynamic end-user features using PHP and HTML/CSS/JavaScript. AJAX features using prototype.js and Scriptaculous.
- Developed dynamic XML-driven interactive charting for investor relations site using Flash.
- HCI design and testing of internal customer care Intranet applications.

## **Software Engineer – Group DCA**

*August 2003 – December 2006*

Developed Flash-based (AS1 and later AS2) interactive narrative sessions, and complex charting, data collection, and animation tools to be used by designers and animators. Built PHP-based web applications and reporting tools.

## **Software Engineer – Syncsort, Inc**

*February 2003 – August 2003*

Troubleshooting and maintenance of the hardware interface layer of SyncSort's BackupExpress software application, specifically the SCSI tape device and robotic tape array device handling on multiple UNIX-style operating systems.

## **Junior Software Engineer – HydraWEB**

*1998 – 2001*

Designed and developed a Java-based (Swing) GUI front-end for a legacy UNIX load-balancing application.

## **Software**

*Programming languages:* C/C++, Java, JavaScript, PHP, Python

*Frameworks/Toolkits:* Android SDK, Codigniter, Hibernate, Qt, SDL, Spring, Struts, Zend

*Operating Systems:* Android, iOS, Linux, MacOS X, UNIX, Windows

*Databases:* MySQL, Oracle

*General Software:* Adobe CS6, Eclipse, Microsoft Office, LibreOffice, Mercurial, Git, Subversion

## **Education**

### **New Jersey Institute of Technology**

*Bachelor of Science, Computer Science 1996 – 2002*

My areas of special focus in college were Human-Computer Interaction, real-time 3D graphics, and cross-platform application development. I spent time using and developing for a plethora of platforms: Windows, Linux, Irix, Solaris, and VAX/VMS.