

**Benjamin Leigh Greenaway**  
**Curriculum Vitae, April 2014**

**Recent Contracts:**

**HearToday Ltd, London, UK**

**Consulting Engineer / Web Developer, Acting C.T.O.**

HearToday is a London based startup, recently awarded a place in the Nesta funded Bethnal Green Ventures incubator program. I developed software for their portable audiology screening tool and a master hearing aid application in addition to collaborating on the design of a device to screen schoolchildren for hearing loss in the classroom. A Raspberry Pi based prototype was produced and is currently beginning trials prior to production.

**Rogue Trader Studios Inc, London, UK**

**Consulting Engineer / Web Developer.**

Rogue Trader Studios is a London-based games development company focusing on the mobile device market. Established to develop unique gaming experiences based on real time data sets. My role was in developing their gameplay intellectual property and the access, process and retrieval components of the interfaces required to service their first iOS game, "Beat the Market: Gamers vs Traders."

**School of Media and Performing Arts, Middlesex University, UK**

**Lecturer.**

An hourly paid teaching position over 10 weeks for first and second year BA students. The Advanced Media Production course is an offering of the School of Media and Performing Arts. My classes suit the training requirement for WordPress and HTML and include an introduction to the open-source / free software movement's contribution to the world wide web's development.

**Web&PHP and JaxEnter Magazines, London, UK**

**Columnist & Technical Writer.**

It's a new gig since July 2013 and I'm really enjoying it! I write a semi-regular column about development, business and consulting from a seasoned developer's perspective. I also wrote a technical piece about the Nginx reverse proxy & http server for the Christmas edition.

**Education:**

University of Cambridge – Robinson College Mathematics. 1991 – 1993

Training Directions Miramar - Wintel computer technician CNT CNST (A+ equiv) LAN Specialist

AMX Certified Expert – AMX Corporation highest certificate of excellence in automation systems

**Technical Summary:**

Advanced skills and experience with; HTML/XHTML, PHP, Python, OOP/MVC & OOD, Javascript, MySQL, Apache, Nginx, Linux, Amazon Web Services, Rackspace Cloud, WordPress, Drupal, MediaWiki, JQuery, JQuery UI, Socket.io, D3, HTML5, CSS3, Simpl / Simpl C, Studio, Aaccess, C, C++, Objective C, Cocoa-Touch

## **Professional Summary:**

### **Skillab, London, UK**

#### **Program Director & Curriculum Development.**

Skillab coordinates evening classes in mentor led learning. My role was in the development of the curriculum and in providing teaching materials for the programming class, Skillab's first offering, and subsequently to manage those classes during Summer 2013. I became Program Director in September 2013, developing the curriculum further and beginning the migration of Skillab to an Open Source educational project.

### **Dyn Inc. / Dyn UK Plc, Manchester, NH & Brighton, UK**

#### **Consulting Web Developer (R&D) Web Services.**

While on contract in an R&D position working between Dallas, New Hampshire and London I developed for Dyn a next-generation DNS metrics and analysis product for use in sales and customer development. This was subsequently deployed to advance their DNS metric & global test management API service for DNS. I was also instrumental in the modification and rebranding of client facing management and ecommerce systems of TZO-DDNS and the migration of customers to Dyn & DynECT following Dyn Inc.'s purchase of Tzolkin HA/DDNS late summer of 2012.

### **Tzolkin HA/DDNS, Pepperell, MA, USA**

#### **Consulting Developer (Lead) Web Services**

Contracted to aid in the design and creation of Drupal 6.x modules for a new e-commerce site. Additionally, I built and deployed the DDNS-OAPI Ordering & Management API service for Dynamic DNS and the Virtual Traffic Manager for High Availability and Load Balancing. My additional roles included general R&D duties and to create focus on our open source strategy, our community and new product marketing.

### **Search Optics Inc., La Jolla, CA, USA**

#### **Lead Developer Web Development & Systems Administration**

Initially I was contracted to design and build scalable office management system with a web login and interface. This was extended to include monthly reporting system for web analytics and conversions. I re-engineered the company hosting platform for scalability during rapid company growth phase as we began to ship websites as well as marketing campaigns. To do this I designed and deployed a custom high-availability fail-over platform of co-located SQL/Apache & DNS servers. This system was host to 50+ sites and 200+ campaigns. I was also responsible for the redevelopment of custom Google and Yahoo web marketing APIs and for design and engineering of the inventory and CMS administration services for our automotive web clients.

### **InTouch AV – Founder & Sole Proprietor, Encinitas & San Diego, CA, USA**

InTouch AV produced an industry first on-line authentication system for integrated custom control systems and a unique E-commerce based self-installation solution for integrated home theatre products. Consulting contracts in video conferencing system design, installation and programming were completed for the El Centro Federal Court House and the Cathedral City Council Voting Chambers as well as AV programming services for Estancia Hotel and Spa Auditorium, Pixar Pictures, PetCo Park, and multiple private residential clients.

### **Rolling Thunder Software, Senior Programmer, Encinitas, CA, USA**

Develop custom AV control installations for clients such as Sony Consumer Entertainment, Packet Video, Diversa, AMD and Seagate. Train and supervise junior programmers and staff. Deploy web portal applications for AMX control systems.

## **The Early Years:**

### **Interactive Music Expo, Guest Speaker, New York, NY, USA.**

Technical consultant for event broadcast and guest on the panel 'Music in 2010', to discuss the future of music broadcast, Internet streaming technology and other potential new-media delivery systems.

### **X-Stream Networks, Founder & Lead Developer, London, UK.**

Develop proof-of-concept solutions for advances in cybercasting and tests of narrow casting technology for private sector and entertainments industries.

### **BusinessNet UK, Pre-Sales Engineer, London, UK.**

Advise sales team as to viability of solutions during the sales offer. Develop technical solutions for advanced sales meetings with more established clients. Brief development team on solutions for new and existing clients.

### **Virtual Futures, Senior Engineer, Warwick, UK.**

The Virtual Futures conference of 1995 was the first academic conference broadcast live over the internet from the United Kingdom thanks to equipment loaned from Apple, Sun and SGI and software donated by Progressive Networks and Cornell University.

### **Conductor, University Wind Orchestra, Cambridge, UK.**

After open audition, the position of conductor to a Cambridge University Musical Society was for the first time given to a non-music student, a position I held for two, consecutive years. In addition to my role as Conductor of the Robinson College Orchestra I was one of the very few amateur conductors to have ever rehearsed the University Chamber Orchestra.