

Frank Scrock

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Desired Position: **Flash/ Flex ActionScript Developer**

Work Experience

Aug 08 – Jun 09 **Junior Flash Developer**

Gala Coral Group Ltd, London/ Woking

- Significant businesses in bookmaking, bingo and casino markets (high street and online), employs over 19,000 people

Development of interactive gambling/ poker games targeting Flash Player 9, using MVC/ Singleton patterns, streaming video/ audio (FLV, F4V, MOV, MP4), RegExp, Runtime Shared Libraries (SWF/ SWC files), HTTPS, session handling, E4X, Flex Profiler (memory/ performance testing), Papervision 3D experiments

Aug 06 - present **Freelance Flash Developer**

Various German and UK clients, Berlin/ London

- Completed about 30 projects for corporate clients, with particular specialisation in ActionScript 2.0/3.0 and PHP

Negotiated with clients, tested & debugged OOP applications (Eclipse + Flex SDK), designed GUI, tested usability, planned time & budget, created conception & application design, established client-server-communication (PHP/ XML), using CMS (i.e. WordPress, Indexhibit)

Oct 06 – Feb 07 **Audio Software Developer Assistant**

Fraunhofer Institute of Digital Media Technology, Ilmenau

- New Media technology research organization (media coding algorithms)

Assisted the Audio Coding for Special Applications team, developed signal processing algorithms (i.e. MPEG-2 AAC, MPEG-4 AAC Low Delay), skeletonised software architecture

Feb 06 – Mar 06 **Live Sound Engineer Assistant**

Berliner Ensemble, Berlin

- A prestigious German theatre in Berlin

Gained experience in audio-visual composition

Feb 05 – Mar 05 **Electronic Engineer Assistant**

Magis Audiobau, Hanover

- Creation of products & services aimed at professional recording studios

Implemented electronic audio systems

Education

- Apr 06 – present **Dipl. Ing. Media Technology**
Technical University of Ilmenau, Germany
- Course to be completed in April 2010
Human-machine interaction, Java J2EE/ Spring/ JSP/ XML, Tomcat
- Oct 03 - Mar 06 **Pre-Diploma**
Technical University of Ilmenau, Germany
- Renowned academic institution (lead by Karlheinz Brandenburg)
Expanded knowledge in physics, maths, software design, economics, algorithms
(i.e. MPEG-2 Video, MPEG-1 Audio Layer 3)

Further Experience

- Jan 07 – Jul 07 **Media Project**
Fraunhofer Society and TU Ilmenau, Erlangen
- Audio software project (comparable to IBM RT-06 Speech to Text System),
supervision of Karlheinz Brandenburg
System architecture, class hierarchy, team development, wrote documentation
- Feb 07 – Jun 07 **Exchange Student in the Czech Republic**
Czech Technical University, Prague
Extensive studies of C++, Java, X3D and Signal Processing, volunteer work
- Dez 06 **Music Production**
Universal Music Group, Berlin
Ringtone production

Personal Skills

- Languages: German: fluent French: intermediate
 English: fluent
- Software: OS: Mac OS X, Win2k/XP, Linux, Solaris
 Graphics: Flash CS3/ CS4, Photoshop CS3, Processing, Avid Xpress Pro
 Sounds: Steinberg Cubase, Apple Logic Pro 9
 Code: Eclipse, FDT, Flex Builder 3
 Languages: AS2.0/3.0, xml, mxml, php, java, xhtml, jsp
 Docs: LaTeX, AsDoc, JavaDoc, Microsoft Office 2008

Additional Information

- Hobbies: technology, arts, socialising, music projects, attending conferences
- Memberships: Apple & Adobe Developer Connection, Audio Engineering Society