

Alex Allan

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28.03.1984



Skills

- Solid experience in product management, including systems analysis, within an agile development methodology, balancing competing aims and requirements.
- Good to excellent knowledge of Python, C, C++, C#, Java, Unix shell scripting, ASP.NET and ASP in a range of development environments. Excellent experience in Unix and Windows administration.
- Experienced in handling large systems (1,800+ simultaneous users) with substantial sets of data across public networks with a focus on timeliness.
- Firm grounding in business and finance.

Education

University of Nottingham — 73rd by QS World Rankings (2003–2006)

BSc (Hons) Computer Science: Upper-second class (2:1)

Thesis project: Wear-levelling on file systems for flash memory devices (68%)

A- and AS-Levels, Hills Road Sixth Form College, Cambridge (2000–2002)

A-Level: Business Studies (B), Computing (A), Mathematics (C)

AS-Level: Electronics (A)

Employment

Freelance Consultant, Trayport Software Specialist

Berlin and London (Mar 2012—)

Pursuing work with clients in the energy-trading sector.

Senior Analyst, Data Analytics

Deutsche Bank Risk Center GmbH, Berlin (Oct 2011–Feb 2012)

- Designed and developed tools to handle workflow for a data quality department, automation of existing processes and enhancing systems for reporting failures.
- Developed reports for newly traded products. Analysed requirements, liaised with senior staff, took data from a range of trading and back-office systems.
- Wrote job specifications, interviewed candidates and devised interview questions and procedures. Mentored new team members.

Freelance Software Consultant and English Teacher

Berlin (Sept 2010–Oct 2011)

- Designed, implemented and delivered an inventory reporting system for a small bio-tech company.
- Additionally, and mainly, I taught English in business and universities.

Senior Technical Consultant, Broker Systems

Trayport Ltd, London (Nov 2007–Apr 2010)

Trayport specialises in real-time trading software for energy markets.

- Systems design and client liaison for major development project, the unit's first using 'agile development'. Engaged with development department to ensure understanding of client specifications, expectations and constraints.

- Led a project to migrate the company's largest client system, serving 1,800 traders, to a new version of the company's software in a new environment.
- Developed the company's internal billing system. I prototyped new systems in C#, Python and maintained existing systems in ASP. Advocated a new set of billing rules to company directors.
- Initially a software developer, I designed and implemented a feature to import and export trading data through a COM- and XML-based API in C++.
- Analysed and identified software failures by working with developers and the client's networking support staff.

Finance and Services Officer (Full-time Trustee)

University of Nottingham Students' Union (Jun 2006-Jul 2007)

- Responsible for all financial and commercial strategy and policy.
- Wrote and managed the organisation's budget (£1.6m expenditure from a turnover of £7m).
- Instrumental in securing a 6% increase in university funding and £450,000 capital grant for expansion of Union-run entertainment facilities.

Software Developer

Business Web Software Ltd, Cambridge (Nov 2002-Sep 2003)

- Developed and maintained utilities for exporting documents from Microsoft Office to the company's proprietary products in C and VBA.
- Designed and developed installation systems for the company's main server product using open-source software.

Other Achievements

Open-source software development

See web site (www.kamaz.org.uk) for my open-source projects, including an MP3 tagging tool written in C++ and a dictionary system for Android mobile phones using Python.

Independent travel, volunteering and language learning (May 2010—Jul 2010)

Attended a language school in Montpellier, France followed by volunteering in a youth hostel near Carcassonne, France.

Treasurer, English Language Teachers' Assoc. Berlin-Brandenburg (Feb 2011—Feb 2012)

CELTA-qualified English as a Foreign Language Teacher (Aug 2010)

Member of UK Unix Users' Group (2006–2009)

Volunteer, BBC Radio Cambridgeshire (2003–2006)

Languages

English (native speaker), German (upper-intermediate level)

Additional

- British and EU citizen
- Full, clean EU (British) driving licence
- No criminal convictions