

Dr Viktor Bale

Address	[REDACTED] Milton Keynes, UK [REDACTED] Tel: +44 (0) [REDACTED]	Nationality	British
		Date of Birth	[REDACTED] 1978
		E-Mail	viktor dot bale at gmail dot com
		Webpage	http://vik.me.uk

PROFILE

I am a results-driven, motivated and commercially-minded consultant with six years post-graduate experience in telecommunications technology. I have a keen interest in the commercial viability of new technology and applying it to exploit untapped revenue streams or optimise existing processes in telecommunications companies. Career aims are to work in a role with both business and technical aspects, planning/developing services, products and systems, analysing/optimising strategy and processes, and operating/managing projects within in the telecoms industry.

CURRENT AND PREVIOUS EMPLOYMENT

PA Consulting Group, Cambridge, UK

Consultant Analyst -
Wireless Technology
March 2005 - Present

- A global management, systems and technology consultancy.
- I have worked overseas on client site for a period of months to create a design specification for a prototype.
- I have been involved in the development of 3G (UMTS) and WiMAX-type mobile communication products (base-stations and mobile platforms), keeping to deadlines and budgets.
- For these projects, I gathered requirements from the client, designed the system and created a test plan, and then led a team of four people to implement the design and test the implementation.
- In another project, I designed and implemented an effective simulation model, gaining praise from the client.
- I used mathematical modelling software for
 - Evaluation of emerging wireless technology standards,
 - Simulations of wireless systems in dense transport network.
- I have evaluated for clients the relevance of technology patents to 3G (UMTS) standards.
- Success in projects led to further larger contracts with same client.
- Gained experience in areas such as
 - Writing proposals to clients and responding to tenders,
 - Software, document and project quality systems,
 - Publishing of articles & presentations to external audiences,
 - Writing high quality consultancy documents for clients.

University of Southampton, UK

Researcher and
Teaching Assistant
January 2002 –
February 2005

- A leading research group (Communications) in the top-ranked department in the country (Electronics & Computer Science).
- Areas of expertise include multiple-input multiple-output (MIMO) systems and advanced adaptive communications technologies.
- Became expert in mathematical modelling and simulation software.
- Co-founder and committee member of university IEEE branch.
- Committee member of Student Entrepreneurial Society.
- Presented at conferences, published papers, taught C programming & MATLAB, managed undergraduate projects.

Multiple Access Communications, Southampton, UK

Consultant Engineer
August 2001 –
December 2001

- Mobile communications consultancy.
- Was engaged in leading-edge technology projects.
- Major project involved analysis of spectrum usage in US market.
- Typical work included technical studies into frequency allocation for UMTS/cdma2000 technology, radio link analysis, interference and system co-existence issues (3G with iDEN) and mobile localisation.

EDUCATION

Ph.D. Jan 2002 – Feb 2005	University of Southampton, UK. Doctor of Philosophy through full-time research into Wireless Telecommunications within the Communications Research Group at the top-rated School of Electronics and Computer Science. Details on first page.
M.Eng. Sept 1997 – June 2001	University of Southampton, UK. Master of Engineering Honours degree in Electronics with Telecommunications with Distinction (First Class). School of Electronics and Computer Science recognised as the best in the country (references: The Times and The Guardian Good University Guides). Technical specialisation was wireless telecommunications. Other areas included C/C++, software development, digital, analogue and RF electronics. Awarded GD Sims prize (1999) for outstanding performance (top 4% in year).
British A-Levels 1996	Mathematics (Grade A), Physics (Grade A), Chemistry (Grade A), Further Mathematics (Grade A), all at Royal Latin Grammar School, Buckingham
Prof. Memb.	IET (Institution of Engineering and Technology) since October 1997.

LANGUAGES AND SKILLS

- **English** – Native, **Czech** – Near native, **German** – Intermediate (improving through self-tuition).
- Expert user of MATLAB/Simulink for system simulation and modelling.
- Highly experienced C programmer, experience with C++.
- Good Excel and past experience with VBA. Experienced Linux user. Basic Perl, Java.
- Commercial experience with 3G technologies and WiMAX.
- Deep understanding of wireless technology - UMTS (3GPP), MIMO, ODFMA, CDMA, TDMA, and many others.

PROFESSIONAL INTERESTS / PERSONAL DEVELOPMENT

Areas I have sought to develop through reading in my spare time over the last year: operational strategy; business process modelling, simulation and design; project management; investments; mathematics and statistics; German self-tuition.

LEISURE

Include Skiing, Gym and wind-related sports.

PROFESSIONAL TRAINING

PA Consulting Training Programme Throughout time at PA	Training in consulting skills, "top-down" thinking, project management, presentation and interaction skills, and financial analysis.
UK Grad Programme Soft Skills Training Course July 2003	Five-day residential training course. Developing skills including entrepreneurship, negotiation, team-working and networking. Theme was working under pressure to reach tight deadlines and successfully achieve targets, while working through problems as a team as they arose.
University Internal Postgraduate Training December 2002	Improved my knowledge on concepts such as project management, research methodology and technical writing.

Referees available on request.