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Katina Michael

| **Employment** | 2001-   University of Wollongong   Woll |

Lecturer in Information Technology

Duties:

- Subjects Taught: Business Online, Principles of eBusiness, Strategic eBusiness Solutions, Organisational Issues in IT, Case Studies in Information Technology (Location-Based Services), IT & Innovation, Corporate Network Planning
- Recent Papers: Automatic Identification Technologies, Geographical Information Systems, Location-Based Services, Mobile Commerce, Homeland Defence Security, Auto-ID Trajectory
- Governance: ABS-IT, Temporary MEC Coordinator, IT Working Party, Publicity Officer for Faculty of Informatics, Postgraduate Seminar Coordinator

1996-2001   Nortel Networks   Woll

Senior Business & Network Planner

Duties:

- Conduct network planning studies for sales support (e.g. tenders)
- Pioneer GIS in network planning and transfer processes Asia-wide
- Build customer knowledge via geo-demographic market analysis
- Understand service requirements for specific market segments
- Map evolving services to technologies given technical and topographic constraints and a view of industry trends
- Design voice and data traffic models for metropolitan and/or wide area networks with such considerations as community-of-interest
- Understand network access, edge and core issues and products
- Generate Bill-of-Materials given an account product strategy
- Review high-level business plans for customers
- Build presentation packages to convey results to customers
- Present findings to clients and liaise to define next steps
- Lead, mentor and train other network planners
- Prime and manage projects and resource budgets

Skills Gained:

- Further detailed knowledge in the field of telecommunications
- Ability to absorb a lot of information quickly, take what is useful and apply it to solving a problem to meet a customer deadline
- Ability to work within a team environment across many time-zones
- Enhanced interpersonal skills given the number of projects completed and the requirement to liaise with internal and external contacts traversing cultural, political and social boundaries
- Expert skills attained in the use of numerous software packages
- Ability to manage time and resources to meet multiple project commitments

Country focus:

- Studies: Australia, China, Hong Kong, India, Korea, Malaysia, Pakistan, Philippines, New Zealand, Sri Lanka, Singapore, Taiwan
- International travel: Singapore, Taiwan, Hong Kong, Canada, United States, New Zealand, China

Jan 1996-June 1996   Andersen Consulting   Sydney
Systems Analyst
Duties:
- Create programming standards for ABAP/4 development
- Write specifications and code the customer, material and direct banking interfaces for implementation into SAP R/3
- Use MS Access to manipulate master data used by the interface programs and ensure correct conversion of system components
- Upload customers, materials and plant data for the training database and system testing procedure
- Participate in online performance/stress test; integration testing of interfaces and build coaching material for change management
- Liaise with users after 'Go Live' to identify any additional requirements

Skills Gained:
- Enhanced communication skills within a team environment
- Ability to work under pressure to meet budget schedules

July 1994-Dec 1994   United Technologies-OTIS   Minto
Systems Analyst/Designer
Duties:
- Construct a problem definition for a new training relational database
- Conduct interviews to gather information about employee skills
- Design an entity-relationship diagram showing necessary attributes
- Design the national training centre competency skills database
- Implement the solution using MS Access tables, queries, forms, reports and macros
- Prepare formal reports and present findings to management

Skills Gained:
- Ability to work without a great deal of supervision
- Make independent decisions whenever necessary about the direction of the project

Oct 1993-July 1994   Data Division   Sydney
Proprietor/Desktop Publishing
Duties:
- Word processing, page design and layout, desktop publishing
- Planning and designing promotional material for the business

Skills Gained:
- Customer service interfacing skills
- Understanding requirements and satisfying customer requests

| **Qualifications** | **1999-2003** | **Doctor of Philosophy** | **UoW** |

- Research interest: The Automatic Identification Trajectory within the Context of Electronic Commerce
- Thesis: The Application of the Systems of Innovation (SI) Framework for the Characterisation and Prediction of the Auto-ID Industry
- Case studies include: bar codes, magnetic-stripe cards, smart cards, biometrics and radio-frequency tags
- Application Focus: retail, education, finance, health, monitoring, telecommunications, transportation, entertainment, government

| **1997-1999** | **Masters of InfoTech (Candidate)** | **UoW** |

- Upgrade awarded

| **1994-1996** | **Bachelor of IT (Credit)** | **UTS** |

Co-operative Scholarship awarded
Subjects:

- Information Systems, Systems Analysis, Business Requirements Analysis, Systems Design, Business Systems Design, Database, Online Systems, Social Implications of Computers
- Principles of Marketing, Accounting Fundamentals, Economics, Financial Management, Management Control Systems, Auditing
- Information Technology Strategy, Organisation Theory for IT Professionals, Information Technology Planning & Design, Applications of Information Technology, Management Principles for IT Professionals, Project Management
- Computer Systems Architecture, Operating Systems, Communications & Networks
- Programming Principles, Discrete Mathematics, Software Engineering, Probability & Statistics
- Major Dissertation- Social Implications of Smart Cards

1988-1993   Saint Spyridon College   Sydney
Higher School Certificate TER 96.7%
2/3R English, 3U Maths, 3U Economic, 2U Geography, 2U Computing

- Came 2nd in the state of NSW for 2U Geography (99%)

Other Training

Network Planning Bootcamp, Web Publishing with HTML, IP/Data Certification, Application Service Providers, Nortel Networks Certified Account Specialist, Assertiveness Training, Internet Thruway (ITW) & Internet Call Waiting, CDMA Overview, Magellan Technical Specification, Advanced STEM Analysys, Nortel Technical Products Overview, Advanced MapBasic Programming, NetMate Architect- proprietary network design tool, Introduction to STEM Analysys, Network Management and Control CCS#7, DMS Engineering & Architecture, BC170 Introduction to ABAP/4 Certificate (SAP Australia), CBT for Microsoft Windows, Word, Access and Excel, Goal Setting Skills, Presentation Skills (OTIS National Training Centre), Cosmetic Consultants & Fragrance Diploma (with Distinction) in 1996

Industry Conferences & Papers	Conferences: MapWorld 2000 North America, Presenter by Invitation MapWorld 1999 & 2000 Asia Pacific, Presenter by Invitation 2000, "Nortel Networks Assesses Customer Needs Quickly & Accurately with MapInfo", MapInfo Corporation http://www.mapinfo.com>telecommunications>casestudy5.pdf 2000, "7th Annual MapWorld Conference", Directions Magazine, http://www.directionsmag.com/article.asp?ArticleID=66 2000, "Women in GIS: Katina Michael", Directions Magazine, http://www.directionsmag.com/article.asp?ArticleID=62
Industry Studies	*Carriers & Service Providers:* 2001: PCCW/CSL, CWO, PowerCor, Downer Engineering, Lend Lease, Telstra, China Unicom, CLEAR, Telstra Saturn, Uecomm, Vodafone 2000: Telstra, Cable & Wireless Optus (CWO), CyberPort, United Networks, CAT, Equant, Lit Cheong, SKT, PowerTel, Vodafone 1999: NCIC, Formus, Bell Canada International (BCI), Bharti Telecom, Telstra, PowerNet, NBN Television, Soul Pattinson Telecommunications (SPT), Cable & Wireless Optus (CWO), Transact, PowerTel 1998: North Power, United Energy (UE), BellTel, VisionStream, Semaphore, Telstra, MCI WorldCom, CLEAR, Saturn, Koos Group Telecom (KGT), FET 1997: TCNZ, Bayantel, ICC, ONSE Telecom, Hyundai, Reliance, Lanka Bell, Hutchison PCS 1996: Telecom New Zealand (TCNZ) *Business Intelligence Suppliers:* AAM Surveys, AirSearch, Auslig, Australian Bureau of Statistics, Channel Marketing Decisions, CityScope, Critchlow Associates, Crystal Reports, Data Dependables, Directions, Dun & Bradstreet, Exa-Min, ER-Mapper, ESRI Australia, ERSIS, Geomatics, Go-to-Map, MapData Sciences, MapInfo Australia, Mercadier, Meridian GIS, NorthWood GeoSciences, PacificAccess, Rental Information Services, Search Software America, S&T Technology Taiwan, Sharp-Anderson Australia, Spatial Technologies, SPOT, SPSS, Terrasoft, Yellow Pages Inc.
Computer Skills	Geographic Information System Software: - MapInfo Professional 6.5, MapBasic 6.5, Vertical Mapper, ABS CDATA96, ABS Business Register, Microsoft Access, SQL, RF Import, MapMarker Australia 3.5, Australia-on-Disc Network Planning: - Microsoft Excel, Netmate Architect, Copper & Cable Plant Tool, Internet & Succession Planning, SDH Planner, Bandwidth Model Business Planning: - Analysys STEM 6.2 (Strategic Telecommunications Evaluation Modelling), Microsoft Excel, OpenText Livelink 9.0 Presentation Software: - Microsoft Powerpoint, Adobe Acrobat, Microsoft Word
Languages	English, Greek
Interests	Poetry Writing: Writing free verse Outdoor Activities: Tennis, Surf boarding