
Résumé for Stephen Lead



Geospatial
Expertise



Coding &
Development



Presentations &
Public Speaking



Technical/Presales
Demonstrations

KEY SKILLS & EXPERIENCE

- **Highly experienced technical presenter** including pre-sales support, product benchmarks and user conferences
- **Application design, development & testing**, including the flagship [Atlas of NSW](#) website
- Experience **programming** in HTML, JavaScript, VB.Net, Silverlight and Python
- **Business Analyst** and **Project Management** experience including requirements gathering, Use Case development and project delivery to tight timescales
- **Excellent communications skills** and ease presenting before large and small audiences
- Demonstrated success **pitching enterprise geospatial products** to large customers in Government, utilities and the private sector
- High level **analytical and problem-solving skills** proven during multiple technical, programming and organisational roles
- Extensive **event management** experience, including producing & curating [Ignite Sydney](#)

MAPPING & CARTOGRAPHY

- Google Maps API v3 customisations, including Fusion Tables integration
- ArcGIS Server JavaScript API, and Server configuration, administration & deployment
- ArcGIS Desktop to expert level
- Esri Geo-database administrator skills including data models and database design, CASE tools, and geo-database configuration & administration
- ArcObjects programming including VB.Net & VBA customisations
- Geo-processing automation using Python
- Excellent understanding of geospatial, cartographic and Location Intelligence principles
- Good understanding of relational databases including Oracle Spatial and SQL Server

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EMPLOYMENT SUMMARY

2012 present : Full Extent – Co-Founder, Director & Geo-Spatial Specialist

- Geo-spatial expert responsible for developing the Full Extent mapping API
- Business development, pre-sales and post-sales support
- Consulting, professional services and business analysis

2009–2012 : Ajilon Pty Ltd – Principal GIS Consultant

- Provide geospatial business analyst skills to the NSW Land and Property Information (LPI) involving the Spatial Information Exchange (SIX) mapping and data sharing platform
- High-level technical liaison with NSW Government departments including Dept. Premier & Cabinet, Planning, Ministry of Transport, Police, Fire Brigade and Ambulance Service
- Prototype new & enhanced functionality, liaising with the developers during implementation
- Develop test cases and relevant documentation, and coordinate user acceptance testing

2008–2009 : Emergency Information Coordination Unit – Senior GIS Analyst & Programmer

- Pioneer the use of innovative techniques to create geospatial datasets for emergency services
- Generate 3D models of buildings and underground assets under the Sydney CBD
- Simplify end-user access to complicated database schemas using VB.Net and Python

2003–2007 : ESRI (UK) – Senior GIS Consultant, Technical Solutions Group

- Provide technical pre-sales support for the utilities and natural resources sectors
- Customer-facing position involving daily interaction with technical and executive-level staff
- Requirements gathering, project estimation and integration with customer workflows
- Prepare and present technical sessions at seminars, conferences and exhibitions

1998–2003 : Esri Australia – Senior Technical Support Analyst

- Provide high-level technical support services to external and internal clients
- Conduct pre-sales support, product demonstrations and software benchmarks
- Instruct and develop technical training courses

1998 : NSW Department of Urban Affairs and Planning - GIS Contractor

- Provide project management, data validation and manage complex metadata requirements

1997 – 1998 : British Aerospace Australia (BAeA) - GIS Operator

- Undertake printed map and digital spatial data production and automation

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QUALIFICATIONS

- Bachelor of Science in Agriculture (Honours) - The University of Sydney (1996)

PUBLICATIONS

- [ArcUser July 2011](#) – GIS for the Facebook generation
- [ArcUser December 2005](#) – Event-Driven Programming Using IActiveViewEvents
- [ArcUser February 2005](#) – Save Toolbar Configurations
- [ArcUser July 2004](#) – More Ways to be Productive
- [ArcUser April 2004](#) – ArcMap Tweaks and Tools Enhance Productivity
- [ArcUser December 2002](#) – Program ArcGIS Without Writing a Line of Code
- [ArcUser April 2001](#) – How to Emulate UNIX on Windows NT

VOLUNTEERING

- Wildlife Conservation Research Unit, University of Oxford (UK) – GIS training
- London Zoological Society (UK) – GIS training and consultancy
- NSW National Parks Association (Australia) – GIS training

PUBLIC SPEAKING

- Producer, curator and speaker at [Ignite Sydney](#) – a quarterly presentation and networking evenings for professionals from technical and cartographic backgrounds
- Responsible for all aspects of event management including promotion, presentation skills workshops, sponsorship and hosting before audiences of 500+ people

REFERENCES and ENDORSEMENTS

- Professional references are available on request
- Recommendations are available on [LinkedIn](#)