

PATRICK R. RICKLES

TECHNICAL PROJECT MANAGER

phone: (347) 703-6437 | e-mail: patrick@patrickrickles.com | social: www.linkedin.com/in/patrickrickles

PROFESSIONAL EXPERIENCE

Implementation Analyst *Department for Communities and Local Government, London, UK (Aug 2017 – Present)*

- Assist with setting direction for GIS technologies and strategies that foster good practice
- Implement robust, yet flexible, real-time reporting technologies to advise Ministers and stakeholders
- Lead on the administration and presentation of geospatial data with geospatial technologies, proactively seeking out opportunities to increase the visibility of added value with GIS
- Train and mentor analysts to build capacity and professionalism with GIS across the department

Research Associate *University College London, London, UK (Nov 2010 – Aug 2017)*

- Managed staff and projects to ensure timely delivery of project reporting and outputs
- Coordinated proposals for funding and publications in peer reviewed journals to raise the profile of work
- Liaised with collaborators and potential partners, presenting on team research to a variety of stakeholders
- Delivered teaching and training in dynamic, interdisciplinary environments
- Developed systems and tools for non-technical users with open source and proprietary technologies

Managing Director *Mapping Application, London, UK (Mar 2010 – Aug 2012)*

- Improved workflows with automation and custom tools to reduce costs, making visible impacts for clients
- Led teams and efforts to roll out customizations throughout their organizations

Senior GIS Developer *WSP Group plc, London, UK (Mar 2007 – Apr 2010)*

- Led technical developments and designed award winning applications (UK IT, 2009; AGI, 2009)

GIS Developer *Esri Inc., Vienna, VA (Mar 2007 – Mar 2008)*

- Obtained US DoD TS/SCI (SIGINT/COMINT) [expired] and developed systems for map production

GIS Analyst *Advanced Resources International, Inc., Arlington, VA (Nov 2005 – Mar 2007)*

- Developed automated solutions that reduced project time and brought in new business opportunities

SKILLS

ArcGIS (Desktop, Server, Online), MapInfo, QGIS, Geoserver, SQL, HTML, XML, Java, JavaScript, JQuery, Visual Basic, Django, Python, PHP, Oracle, SQL Server, MySQL, PostgreSQL/PostGIS, ArcGIS API, Google Maps API

EDUCATION

PhD Geographic Information Science *(part-time; in progress) University College London (Feb 2018)*

- Thesis: “Teaching Interdisciplinary Researchers Geographic Information Systems: A Suggested Approach”

MSc Geographic Information Science *University College London (Sept 2005)*

- Dissertation: “Web GIS profiles of Elevation and Vegetation information of Madagascar”

B.S. Applied Arts and Sciences *Rochester Institute of Technology (May 2004)*

- Concentrations: Computer Science Studies and Environmental Management Science

CERTIFICATIONS

Chartered Geographer (GIS) - RGS [2016], Project Management Qualification (PMQ) - APM (IPMA Level D, SCQF Level 7) [2016], Teaching and Learning in Higher and Professional Education - UCL IOE [2014]