

PATRICK R. RICKLES

TECHNICAL PROJECT MANAGER

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PROFESSIONAL EXPERIENCE

Team Lead - Business Intel and Data Science HMCTS, London, UK (Jun 2018 – Present)

- Lead on Business Intelligence reports and manage team to enhance visualization of information
- Develop geospatial solutions, supporting decision making and creating innovative mapping products
- Implementing and promoting data science approaches, building capabilities and mentoring analysts
- Presenting on analytical outputs and representing the division at meetings with the justices and executive team

Implementation Analyst MHCLG, London, UK (Aug 2017 – Jun 2018)

- Assisted with setting direction for GIS technologies and strategies that foster good practice
- Implemented robust, yet flexible, real-time reporting technologies to advise Ministers and stakeholders
- Led on administration of geospatial data, proactively sought out opportunities to increase the visibility of GIS

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

- Managed staff and projects to ensure timely delivery of project reporting and outputs
- Liaised with collaborators and potential partners, presenting on team research to a variety of stakeholders
- 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 University College London (Sep 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

Deputy Head of Geography - Government Science and Engineering [2018], Chartered Geographer (GIS) - RGS [2016], Project Management Qualification (PMQ) - APM [2016], Teaching in Higher Education - UCL IOE [2014]