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##### CURRICULUM VITAE

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##### Manish Agrawal

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| CAREER OBJECTIVE |

I am looking for a position in the Geographic Information Systems or related sector that will provide challenging projects and opportunities for further career development.

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| **PROFESSIONAL SUMMARY** |

Dedicated and hardworking GIS Expert with 8 years of experience working with ArcGIS software and Arc Editor for developing GIS databases, data creation and snapping tolerances. Critical thinker continuously looking at ways to improve processes and build business. Excel in editing, map production and creating vector property maps.

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| **GIS SKILLS** |  |

* Team Management
* Process Cycles Improvements
* Arc Editor Data creation
* Map Correction
* Production of High-Resolution Digital Terrain Models using stereo images
* Coordinate System & Datum Transformations
* Map production Editing
* Creation of ArcGIS Online maps
* Spatial Analyst and 3D Analyst
* Raster and Vector Processing and Analysis
* Address match & geocoding techniques
* Documentations & Reporting (reports, seminar and conference presentations)
* Quality improvement processes
* Environmental Issues
* Natural Hazard Assessment
* Cartography
* Remote sensing and GIS processing
* Preparation and Teaching of GIS Projects
* Perform work distribution and management of team members
* Able to coach, motivate and manage a large team
* Manages and independently executes and delivers GIS projects of moderate to significant scope and complexity
* Manages day-to-day operational aspects of a project and scope

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| **COMPUTER SKILLS** |

Office automation:              MS Office (Word, Excel, PowerPoint, Access)

Operating Systems:             Window Suite, UNIX and DOS

Internet Browsers:                Netscape Navigator 4.x, Internet Explorer (4.x., 5.x)

CAD/GIS Software:            ArcGIS 9.x/10.x (ArcMap, Arc Catalog, Arc Toolbox), ArcGIS Online

Auto CAD- Map, Micro station, ArcGIS, Arc Map, Global Mapper, MapInfo,

DTM Master, QGIS, Google Earth

Photogrammetric:               Socket Set, PRO600, MAPCE, Leica Photogrammetric Suite

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| **PROFESSIONAL EXPERIENCE** | | |
| **PRODUCTION COORDINATOR ,3D MAPPING**  **In COWI INDIA,** **July 2017 TO Present**  Integral in helping to shape and improve the 3D Mapping production process, assist staff with editing and quality control, train new employees, supervise the production cycle and prepare 3D Mapping production. Provided 30 new company workers with geodatabase training and an introduction to GIS.  **QUALITY ANALYST**  **In COWI INDIA,** **Jan 2016 TO Jun 2017** Supported mapping projects focused on building processes to automate check map production for the Province's land information databases, geographic imagery. Developed and created GIS maps as requested by implementing ArcMap and analyzing relevant data.  **QUALITY CONTROLLER**  **In COWI INDIA, Jun 2014 TO Dec 2015**  Performed basic GIS operations under the head GIS analyst, including using geoprocessing tools, and creating as well as editing geographic data sets.  **TEAM LEAD In MATRIX-GEO SOLUTIONS, Mar 2013 TO June 2014** Key player in DTM production team including quality control, trainers, team lead and support staff.  Collaborated with local staff to create and deliver training programs in technical, organizational and leadership skills.  **QUALITY CONTROLLER In MATRIX-GEO SOLUTION**, **Oct 2012 TO Mar 2013**  Utilized satellite and aerial photography and purpose-built GIS system with VB/Arc Objects for map creation.  Work on Photogrammetry projects such as CAS(U.S), Railway Corridor Project (INDIA)  **PHOTOGRAMMETRIC ENGINEER**  **In GEO CART MAPPER, Jun 2011 TO Oct 2012**  Creation of base map and thematic map layers for transportation, land use, hydrology, vegetation type and richness, land use and flooding trends.   |  | | --- | | EDUCATION | | * Master of Science (Geo Informatics) – 2016, UTTARAKHAND UNIVERSITY   Reinforced the technical knowledge gained at Science Institute, and built upon GIS knowledge, environmental science, planning, management, work on live project and other areas.   * Post Graduate Diploma in Geo Informatics – 2014, UTTARAKHAND UNIVERSITY   An intensive, application-based program covering many aspects of GIS, remote sensing, cartography and surveying.   * 3 D Mapping Training – 2012, Institute of Photogrammetric and Geo-Informatics ,New Delhi   Work on DTM and DEM projects and used Micro station with Socket set and AutoCAD software   * Bachelor of Technology in Computer Science and Engineering - 2011 , Uttar Pradesh Technical University | | PROJECT DETAILS |  1. Ordinance Survey of Great Britain (OSGB)   Feature: - Improving ordnance survey’s base map in terms of positional accuracy of the real world features and to incorporate the real world changes in the rural area of the Great Britain in 1:2500 scale and 1:1250 scale with the help of ortho photos.Location: Britain Client: Ordnance Survey of Great Britain. Role Description: Production Coordinator, Quality Analyst  **S/W used:** ArcGIS 10.3, Customise software Struma OE 2. GEOSPATIAL CONTENT IMPROVEMENT PROGRAMME (GCIP)Project Description: Urban geospatial content improvement programme has the objective to capture or update of physical features that reflect construction, demolition or other alterations in the real world. These changes may be to geometry or attribution (for example: new construction or demolition, addition or removal of traffic signs that impact on routing applications, change to the function being undertaken at a site like vacant area of hard standing now used as a public car park).Responsibilities: Manage Delivery in every week, Change Intelligence & FRA Process.Software use : ArcGIS Integrated with Object Editor and 3D software's Datum.3. Camp Access RoadsDesign of access road from Khalifa junction to Hamad Junction for Qatar Petroleum, Raps Laffan Industrial city, Doha, Qatar Role Description: Team Lead Location: Qatar Client: Qatar Petroleum S/W used: ArcGIS 9.3 **4. CAS (copper aerial survey)**  Role Description: Team Leader Team Size: 10 5. Railway Corridor Project (INDIA) Project Description: The Ministry of Railways, under the direction of the Indian Government, has taken up the dedicated freight corridor (DFC) project. The project involves the construction of six freight corridors traversing the entire country. The purpose of the project is to provide a safe and efficient freight transportation system.  Role Description: Team Leader  Team Size:30  Responsibilities: Handling GATE CONTROL operations, Generate DEM and ensure quality of dispatched data.  **S/W used:** Socetset 5.2, Micro Station 08.05.00.64 , Terramodel , Global Mapper | | |  | |
| Declaration:I hereby declare that above information is correct to the best of my knowledge and belief.   Date:12/06/2019 ( Manish Agrawal) |  | |