**C. V.**

**Personal Data**

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| **Name** | Nabil Moustafa AbdelAziz Ali |
| **Birth Date** | April 15, 1984 |
| **Religion** | Muslim. |
| **Nationality** | Egyptian. |
| **Marital Status** | Married (Two Children). |
| **Mobile** | +2 0100 1694110  |
| **Address**  | Zagazig – Sharkia – Egypt |
| **E-mails** | N\_Moustafa@zu.edu.egNabil\_Moustafa\_84@yahoo.comNabil\_Moustafa\_84@hotmail.com Nabil.Moustafa.84@gmail.com  |
| **URL** | <http://www.nmabedelaziz.faculty.zu.edu.eg/><http://www.n_moustafa.staff.zu.edu.eg/page.asp?id=43> |

 

**Current Occupation**

Lecturer, Department of Information Systems

Faculty of Computers and Informatics, Zagazig University

**Academic Qualifications**

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| **Doctorate of Philosophy (Ph.D.)** |
| **University / Faculty** | Zagazig University, Faculty of Computers and Informatics. |
| **Department** | Information Systems Department |
| **Research Area** | Geographic Information Systems |
| **Title** | "Least-Cost Path Analysis Using Intelligent Techniques" |
| **Supervisors** | Prof. Mohammed M. Hassan and Prof. Khalid A. Eldrandaly. |
| **Date**  | In Progress Since October 2010 |

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| **Master of Science (M.Sc.)** |
| **University / Faculty** | Zagazig University, Faculty of Computers and Informatics. |
| **Department** | Information Systems Department |
| **Research Area** | Geographic Information Systems |
| **Master Thesis** | "Enhancing GIS Capabilities Using Multicriteria Decision Making Techniques" |
| **Supervisors** | Prof. Abdel Hadi N. Ahmed and Prof. Khalid A. Eldrandaly. |
| **Date**  | March, 2010. |

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| **Master Preparatory** |
| **Pre-master** | Preparatory Year for Masters in Information Systems Department  |
| **University / Faculty** | Cairo University, Faculty of Computers and Informatics. |
| **General Appreciation** | Good – 3rd of the final ordering |
| **Premaster Survey** | E-Government Challenges |
| **Survey Supervisor** | Dr. Sherien Ghoneim |
| **Survey Degree** | Very Good – 1st of all surveys |
| **Date**  | May, 2006. |

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| **B.Sc. Degree** |
| **University Degree** | B.Sc. of Information Systems and Technology. |
| **Faculty** | Faculty of Computers and Informatics. |
| **University** | Zagazig University. |
| **General Appreciation** | Excellent degree with honor – 6th of the final ordering  |
| **Graduation Project** | Expert System Building Tools Advisory System |
| **Graduation Project Supervisor** | Prof. Khalid A. Eldrandaly. |
| **Graduation Project Degree** | Excellent (100%) |
| **Date of Graduation** | May, 2005. |

**Work Experience**

* **Lecturer**, Department of Information Systems, Faculty of Computers and Informatics, Zagazig University, (April 2010 till now).
* **Technical Support,** MIS Unit, Communications and Information Technology Center (CITC), Zagazig University, (February 2014 till now).
* **Member of Quality Management Unit**,Faculty of Computers and Informatics, Zagazig University, (January 2009 till now).
* **UNIGIS Coordinator Assistant**, An international master degree with cooperation with Salzburg University, (January 2008 till now).
* **Teaching Assistant**, Department of Information Systems, Faculty of Computers and Informatics, Zagazig University, (December 2005 – April 2010).

**Publication**

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| Eldrandaly, K., Hassan, M., AbdelAziz, N. (2014) “A Modified Artificial Bee Colony Algorithm for Solving Least-Cost Path Problem in Raster GIS”, Applied Mathematics and Information Sciences, Accepted, In Press. |
| Eldrandaly, K., AbdelAziz, N. (2012) “Enhancing ArcGIS Decision Making Capabilities Using an Intelligent Multicriteria Decision Analysis Toolbox”, Journal of Environmental Informatics, Volume 20, Number 1, Pages 44-57. |
| Eldrandaly, K., Ahmed, A.H., AbdelAziz, N. (2009) “An Expert System for Choosing the Suitable MCDM Method for Solving a Spatial Decision Problem”, Production Engineering Design and Control PEDAC’ 09 10-12 February 2009, Alexandria, Egypt. |

**Teaching Experience**

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| **Undergraduate Courses Taught** |
| **Faculty of Computers and Informatics (B.Sc. Degree)** |
| Geographic Information System (GIS) | Introduction to Computers |
| GeoDatabase Design. | Data Mining and Knowledge Discovery |
| Expert Systems and Decision Support System | Computer Skills for Personal Productivity |
| System Analysis And Design | Project Management |
| Database Concepts | Database Management System  |
| Discrete Mathematics | Mathematics |
| Fundamentals of Information Systems | Human Rights and IT Ethics |
| E-Business Technologies | E-Business System Strategy |
| Econometrics | Logic |
| **Information Technology Management Program (Credit Hour B.Sc. Degree)** |
| Information Services and Resources Management | Information Technology and Systems Management |
| Technology and Innovation Management  | Information Technology and Systems Economics |
| Knowledge Management Systems | Business Process Engineering |
| Project Management  | Fundamental of Management |
| Information Retrieval | Multimedia Database |
| Computers Skills for Personal Productivity | Discrete Mathematics |
| Report Writing and Presentation Skills | Creative Thinking |

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| **Postgraduate Courses (UNIGIS Master Degree)** |
| Introduction to Geographic Information System and Science | GIS Organization and Project Management |
| Spatial Data Modeling and Data Structures | Geographical Analysis |
| GeoDBMS Spatial Databases Management | Spatial Statistics |
| GIS Application Development | Oracle Spatial |

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| **Summer Training Courses** |
| Oracle Database 10g: (SQL, Program With PL/SQL) |
| Project Management (Primavera, Microsoft Project Manager) |
| Expert System: (EXSYS, Visual Rule Studio) |
| Database Management System & Database Concepts |
| Multimedia Database |
| Information Retrieval |
| Geographic Information System |

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| **Other Activities**  |
| Communication Ministry - ICDL course for graduation. |

**Certifications**

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| **ORACLE Certifications** |
| **Title** | **Date Completed** |
| Oracle PL/SQL Developer Certified Associate | 9 March 2008 |
| Oracle Forms Developer Certified Professional | 16 March 2008 |

**Personal Development**

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| **Courses** |
| **User Adaptation Services (Eagle Program)** | **Course Description** | Eagle Program:* Attitude
* Interaction Skills:
	+ Communication Skills
	+ Presentation Skills
	+ Negotiation Skills
* Knowledge
* Goal Setting
* Manage the External
 |
| **Hours** | 100 Hours |
| **Location** | Orascom Training & Technology (OTT), Cairo branch |
| **Date** | December 2008 |
| **Oracle****Database Administration** | **Course Description** | Oracle Database Administration Track:* Oracle Database 10g: Introduction to SQL
* Oracle Database 10g: Program With PL/SQL
* Oracle Database 10g: Administration Workshop I
* Oracle Database 10g: Administration Workshop II
 |
| **Hours** | 160 Hours |
| **Location** | Orascom Training & Technology (OTT), Mansoura branch |
| **Date** | April 2007 |
| **Oracle****Internet Application Developer** | **Course Description** | Oracle Internet Application Developer Track:* Oracle Database 9i: Introduction to SQL
* Oracle Database 9i: Program With PL/SQL
* Oracle9i Forms Developer: Build Internet Applications
* Oracle9i Report Developer: Build Reports
 |
| **Hours** | 140 Hours |
| **Location** | Faculty of Computers and Informatics, Zagazig University |
| **Date** | August 2004 |
| **Database Application Development** | **Course Description** | Advanced Database Application Development Program Using Microsoft Visual Basic 6.0 |
| **Hours** | 120 Hours |
| **Location** | Arab Information Technology Group (AIT) |
| **Date** | September 2003 |
| **ESRI Training and Education (Virtual Campus)** |
| **Course Title** | **Completion Date** |
| Authoring Web Maps Using ArcGIS Online | March 20, 2014 |
| Getting Started with GIS | March 20, 2014 |
| Python for Everyone | March 20, 2014 |
| Creating and Editing Geodatabase Topology with ArcGIS Desktop (for ArcEditor and ArcInfo) | November 03, 2012 |
| Getting Started with GIS (for ArcGIS 10.1) | November 03, 2012 |
| [Basics of Geographic Coordinate Systems (for ArcGIS 10)](http://training.esri.com/Courses/CoordBasics10_0/player.cfm?c=338) | June 6, 2012 |
| Introduction to Urban and Regional Planning Using ArcGIS 9 | May 26, 2012 |
| Spatial Analysis of Geohazards Using ArcGIS 9 | May 24, 2012 |
| [Learning ArcGIS Spatial Analyst](http://training.esri.com/Courses/LearnSA/index.cfm?c=196) | May 8, 2012 |
| Learning ArcIMS | April 4, 2012 |
| [Hazus-MH Overview and Installation (for ArcGIS 9.3.1/Hazus-MH MR5)](http://training.esri.com/Courses/IntroInstall9_3_1/index.cfm?c=320) | May 26, 2011 |
| [Introduction to GIS Data ReViewer](http://training.esri.com/Courses/wc_DataReViewer/index.cfm?c=210) | May 26, 2011 |
| The 15-Minute Map: Creating a Basic Map in ArcMap  | May 26, 2011 |
| [Using Python in ArcGIS Desktop 10](http://training.esri.com/Courses/PythonDesktop10_0/player.cfm?c=279) | May 26, 2011 |
| [Introduction to Map Production System-Atlas](http://training.esri.com/Courses/wc_MPS_Atlas92/index.cfm?c=211) | March 20, 2011 |
| HAZUS-MH Overview and Installation (for ArcGIS 9.2/MR3) | March 14, 2011 |
| Customizing ArcMap: Easy Ways to Extend the Interface | December 23, 2010 |
| Learning Visual Basic for Applications for New ArcGIS Developers | December 2, 2010 |
| MapObjects Basics | December 2, 2010 |
| Understanding Branching and Looping in VBA | November 27, 2010 |
| Working with Forms in VBA | November 27, 2010 |
| Working with Variables and Functions in VBA | November 27, 2010 |
| [Introduction to ArcLogistics 9.3](http://training.esri.com/Courses/wc_ArcLogistics/index.cfm?c=243) | November 26, 2010 |
| [Using ArcMap in ArcGIS Desktop 10](http://training.esri.com/Courses/UsingArcMap10_0/player.cfm?c=277) | November 26, 2010 |
| Working with ArcPad 7 | November 26, 2010 |
| [ArcGIS Data Interoperability Basics](http://training.esri.com/Courses/ADI_Basics/index.cfm?c=255) | November 6, 2010 |
| [Getting Started with GIS (for ArcGIS 10)](http://training.esri.com/Courses/StartGIS_10/index.cfm?c=282) | September 22, 2010 |
| [Creating, Editing, and Managing Geodatabases for ArcGIS Desktop](http://training.esri.com/Courses/Geodatabases/index.cfm?c=199) | September 21, 2010 |
| Customizing ArcGIS Desktop | March 1, 2010 |
| [Getting Started with GIS (for ArcGIS 9.2-9.3)](http://training.esri.com/Courses/StartGIS/index.cfm?c=224) | February 28, 2010 |
| Introduction to Visual Basic 6 | February 28, 2010 |
| Learning ArcGIS Desktop (for ArcGIS 9.0-9.1) | May 10, 2007 |
| Exploring the VBA Environment | March 21, 2007 |
| Introduction to ArcGIS 9 Geostatistical Analyst | February 19, 2007 |

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| **Measurement and Assessment Center(MAC)**  |
| **Title** | **Hours** | **Duration** |
| Preparing Achievement Tests | 12 h. | (11 – 12) January 2014 |

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| **Faculty and Leadership Development Center (FLDC)**  |
| **Title** | **Hours** | **Duration** |
| **University Teacher Preparation*** Recent Trends in Teaching
* Course Design
* Teaching Evaluation
* Teaching for Large Numbers and Small Groups
* Microteaching
 | 45 h. | (24 June – 4 July) 2012 |
| Credit Hours System | 15 h. | (9 – 11) February 2010 |
| Strategic Planning | 15 h. | (6 – 8) February 2010 |
| Effective Communication Skills | 15 h. | (11 – 14) July 2007 |
| Time and Stress Management | 15 h. | (8 – 10) July 2007 |
| Thinking Skills | 15 h. | (1 – 3) July 2007 |
| Technical Research Methodology | 20 h. | (16 – 19) June 2007 |

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| **Conferences** |
| **Title** | **Organization** | **Duration** |
| 9th International Conference on Production Engineering Design and Control (PEDAC) | Faculty of Engineering, Alex University | 10 – 12 February, 2009 |
| The 43rd Annual Conference on Statistics, Computer Science, and Operations Research | ISSR, Cairo University | 22 – 25 December 2008 |
| Very Large Database (VLDB) | Faculty of Computers and Informatics, Cairo University | 29 March – 1 April, 2008 |

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| **Others** |
| **Title** | **Date Completed** |
| IT Essentials: PC Hardware and Software (Cisco Networking Academy®) | 6 February 2011 |
| TOEFL Institutional Testing Program (ITP) (Total Score 503) | 7 November 2009 |
| International Computer Driving License (ICDL) | 13 October 2008 |

**Research Projects**

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| **Research Project** |
| **Project** | Spatial Decision Support System for Tourism Site Selection |
| **Supported Organization** | King Abdulaziz University, Deanship of Scientific Research |
| **Researchers** | Dr. Mohammed Saddaga Abu-Zaid, Dr. Khalid Ali Eldrandaly |
| **My Role**  | GIS Developer |

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| **Research Project** |
| **Project** | Prototype Product for Enhancing the Capabilities of MS Project through an Integrated Tool Box Kit |
| **Supported Organization** | ITIDA – Information Technology Industry Development Agency |
| **Partners** | * ICT Company
* Zagazig University Faculty of Computers and Informatics
 |
| **Researcher** | Prof. Mohamed Abas Shouman |
| **My Role**  | Team Leader. |

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| **International Research Project** |
| **Project** | SAMPIII: Integrated Coastal Zone Management in the area of Port Said (Egypt) |
| **Supported Organization** | European Commission |
| **Partners** | * International Center for Advanced Mediterranean Agronomic Studies – Mediterranean Agronomic Institute of Bari (CIHEAM-IAMB), Italy.
* Zagazig University Center for GIS Studies and Service C/O Faculty of Agriculture University of El Zagazig, Egypt.
 |
| **My Role**  | Supervising the GIS related Tasks – GIS Instructor |

**Languages**

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| **Arabic** | Native language |
| **English** | Fluently (reading, speaking, and writing) |
| **French** | Good (reading, speaking, and writing) |

**Interests**

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| **Research Interests** |
| Geographic Information System (GIS) | Expert System |
| Spatial Decision Support System (SDSS) | Multicriteria Decision Making (MCDM) |

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| **Teaching Interests** |
| Geographic Information System (GIS) | GeoDatabase Design. |
| Database Management System | Distributed Database Management System |
| Expert Systems. | System Analysis and Design |
| Multimedia Database | Decision Support Systems |
| E-Commerce | Information Retrieval |
| Technical Writing and Research Methods | Management Information System |

**Technical Skills**

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| **Programming Languages** | * C#
* Microsoft Visual Basic 6.0
 |
| **Database Management Systems** | * Oracle10g.
* SQL server 2000.
* MS-Access.
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| **Database Developer Programs**  | * Oracle10g Forms Developer.
* Sybase Power Builder.
 |
| **Project Management** | * Microsoft Project Manager.
* Primavera.
 |
| **GIS Software Packages** | * ArcGIS 9 (ArcInfo)
* IDRISI
 |
| **Expert Systems Shells**  | * EXSYS
* Visual Rule Studio
 |
| **Graphics and Multimedia** | * PhotoShop 7.0
* Flash MX
 |
| **Operating Systems**  | Windows Platforms (98, 2000, Me, XP, 2003Server) |
| **Productivity Suites** | Microsoft Office 97, 2000, XP, 2003 |
| **Hardware** | Good Knowledge at dealing with H.W components, aggregation, and maintenance. |

**Honors and Awards**

* + Certificate of Appreciation from the Faculty of Computers and Informatics – Zagazig University for Continues Efforts in Assisting the Coordinating of UNIGIS Program.
	+ Certificate of Appreciation from the Faculty of Computers and Informatics – Zagazig University for the Continues Effort in Quality Management Unit.
	+ Certificate of Appreciation from the Faculty of Computers and Informatics – Zagazig University for the Special Effort in Preparing the Faculty Strategic Plane.
	+ Certificate of Appreciation from the Faculty of Computers and Informatics – Zagazig University for the Special Effort in Preparing the Faculty Self Study Report.
	+ Certificate of Appreciation from the Faculty of Computers and Informatics – Zagazig University for Continues Efforts in the Field of Student Affairs.
	+ Certificate of Appreciation from the Faculty of Computers and Informatics – Zagazig University for Obtaining the Oracle OCA, OCP Certifications.
	+ Certificate of Appreciation from the Faculty of Computers and Informatics – Zagazig University Based on the Selection of Colleagues.
	+ Certificate of Appreciation from Sadat Secondary School for the Special Effort in Journalism and School Broadcasting Section.

**Administrative and Interpersonal skills**

* + Good public relations and communication skills.
	+ Ability to work as a part of a team or individually.
	+ Ability to work under stress.
	+ Hard worker.
	+ Good Research Abilities.
	+ Self Motivated.

**My Current Activities**

* + Increasing my knowledge GIS Programming.
	+ Complete ESRI Certification Exams.
	+ Take OCA & OCP (Oracle10g Administration Tracks).

**Hobbies**

* + Reading generally
	+ Surfing the web
	+ Social relationship

**Nabil Moustafa**