

STANLEY J GLIDDEN

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TECHNICAL HIGHLIGHTS

GIS and Remote sensing software: Arcview, ArcGis, Erdas Imagine.

Programming and scripting languages: C, C++, Java, Perl, Python, PHP, Prolog, VB, JavaScript, HTML, Aml, Avenue.

Graphics Software: Adobe Photoshop, Adobe Illustrator, CorelDraw.

Office Software: Word, Excel, PowerPoint, Access.

Systems: Unix, Windows

PROFESSIONAL EXPERIENCE

Complex Systems, Global Hydrology Group, Durham NH: Information Technologist (2002 – present)

Assist research program in large-scale hydrology and biogeochemical cycling with computing management and support activities. Hire, train and supervise hourly GIS and consultant workforce. Maintain and design quality control systems. Organize and supervise group training and technical information exchanges. Oversee production of high quality spatial and hydrologic data sets. Produce and supervise use of high level graphics on websites and publications. Resolve software and application problems. Recommend hardware and software purchases. Create and maintain software and data holdings. Maintain and manage group database archive systems.

Complex Systems, Global Hydrology Group, Durham NH: Research Technician (1999 - 2002)

Assist research program in large-scale hydrology and biogeochemical cycling with computing support activities. Process geographic data for analysis, map production, database development, and maintenance using Arc/Info GIS. Support research staff with production of computer graphics. Development of new value-added products. Assign and supervise hourly employees working on projects important to the group. Training of hourly employees in the use of computer programs and geoprocessing procedures for various projects. Create and maintain documentation of code and data holdings. Solve software and application problems with geospatial and analysis software. Produce high level graphics and data sets to be deployed on the web or for publication. Research technical problems and evaluate hardware and software. Write, design, debug and document programs to perform advanced GIS queries and analysis.

Climate Change Research Center, Durham NH: GIS Consultant (1996 - 1999)

Produce high quality output for publications resulting from a remote-sensing study of recent hydrological changes in the Dry Valleys region of Antarctica. Register Satellite and Aerial

photographs for use in a GIS for the Dry Valleys. Train hourly interns in the use of remote sensing software. Perform quality analysis of digital photography rectification. Develop Arc Macro language programs to process spatial data.

Landsat PathFinder Project, Durham NH: GIS Lab Technician (1994 - 1996)

Visual photograph interpretation and data processing using GIS and remote sensing technologies to map tropical deforestation. Use of large digitizing tablets to enter and alter geospatial information. Error checking and error correction of automatic land cover classification system through the use of vector based GIS software.

EDUCATION

Bachelor's degree in Hydrology from University of New Hampshire, GPA: 3.01, Durham NH (1994)

Currently pursuing a Bachelor's degree in Computer Science, University of New Hampshire.

RELEVANT COURSEWORK

Introduction to Computer Programming with Java, Computer Networks, Assembly Language Programming & Machine Organization, Introduction to Data Structures with C++, Application Programming using Visual Basic, Computer Organization, Operating System Fundamentals, Introduction to Human Computer Interaction, Data Structures with Java, Program Lang Concepts & Features, Object-Oriented Methodology, Introduction to Software Design & Development

CERTIFICATIONS

ESRI ArcObjects training, University of New Hampshire Summer 2007

ESRI ArcGIS Server training, University of New Hampshire Summer 2007

Introduction to ArcGIS, Shortcourse, University of New Hampshire Summer 2002

INTERESTS

Geographic Information Systems

Hydrology

Remote Sensing

Computer Programming

Earth Science