

DARREN MATTHEW COPE

contact information removed

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SKILLS SUMMARY

- Five years of experience working in GIS and Remote Sensing
- Experience working individually and in teams in both office and field settings
- Knowledge and practice of field survey techniques and methods
- Accomplished wilderness canoeist, with Ontario Recreational Canoeing Association Basic Level and Canoe Tripping Level I certification

COMPUTER PROFICIENCY

- *GIS/Remote Sensing:* ArcGIS 9, ArcView 3.x, MapInfo, GeoMedia Professional, Idrisi, GRASS, Autodesk Map, ArcIMS, MapServer, Chameleon, MFWorks and PCI Geomatica
- *OSs:* Microsoft Windows, Red Hat Linux, MacOS
- *General:* Microsoft Office, Corel Suite, Adobe Acrobat, Paint Shop Pro, FTP, web page design using HTML

EDUCATION

- University of Waterloo, Waterloo ON
- Candidate for Bachelor of Environmental Studies, Honours Geography program, Diploma of Excellence in GIS
- Expected graduation date: April 2005

WORK EXPERIENCE

HIGH SCHOOL/UNIVERSITY GEOGRAPHY LIAISON

AUG – DEC, 2004

University of Waterloo

Waterloo, Ontario

- Presented “Local Initiatives in University/High School Liaison” at Ontario Association for Geographic and Environmental Education (OAGEE) Fall Conference
- Created and delivered lectures to high school students on Geography-related topics
- Promoted the Department of Geography to prospective students
- Assisted in the organization and implementation of UW’s “GIS Day 2004”
- Created problem sets for, and implemented, “GIS Challenge Days”
- Supervised field work conducted for UW and Parks Canada on-site in Tobermory, ON

GIS TECHNOLOGY OFFICER
Statistics Canada

JAN – APR, 2004
Ottawa, Ontario

- Researched and produced an open source web-based GIS application to examine its ability to meet Statistics Canada's work requirements
- Created ad hoc spatial data files to support census collection and processing activities
- Created user guides for web-based GIS applications
- Performed data quality control procedures

STUDENT GIS TECHNICIAN
Conestoga-Rovers & Associates Ltd.

SEPT – DEC, 2002 & MAY – AUG, 2003
Waterloo, Ontario

- Created GIS methodology to determine correlation between stream baseflow and surficial geology
- Assisted in feasibility study/market analysis of CRA's web-based real estate GIS application
- Assisted in creation of customized, client-specific GIS applications (e:DAT)
- Organized and managed large quantities of environmental data
- Assisted in ordering and processing of aerial photography
- Performed ISO 9001 Quality Assurance/Quality Control objectives
- Performed spatial data management, coordinate conversion and metadata tasks

INFRASTRUCTURE MANAGEMENT ASSISTANT
Regional Municipality of Waterloo

JAN – APR, 2002
Kitchener, Ontario

- Inputted and updated roadway attribute data in the Hansen/ORACLE database
- Collected attribute data from construction drawings and digital orthophotos for input into the roadway database
- Created thematic maps using GeoMedia Professional 4.0
- Updated road by-law maps using AutoCAD
- Developed and maintained an Intranet website

VEGETATION RESEARCHER
University of Guelph

JUN – AUG, 2001
Bancroft, Ontario

- Coordinated selection of study sites using GIS and topographic maps
- Collected data on vegetation and forest types
- Analysed and identified plant specimens
- Ensured even time disbursement of data
- Performed daily navigation duties

INTERESTS/ACTIVITIES

- Outdoor recreation
 - Wilderness Canoe Tripping, Cycling, Cross-Country Skiing
 - Secretary, University of Waterloo Outers Club, Fall 2000 – Fall 2004
 - Senior Tripper, CASS Canoe Club, 1995-2000
- Web page design/construction
 - "Darren's Outdoor Page" was featured on the Discovery Channel's "Nyla.net"