

CHRIS HOORNAERT

G.I.S. Analyst
American Citizen

77A London Street
Toronto, ON M6G 1N4
604-346-7604
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HIGHLIGHTS

“Over the years he has presented new ideas to improve efficiency of GIS operations, taken time to train other employees, and has always been the first to volunteer to take on additional responsibilities.”

-Carla Hill, USDA Farm Service Agency

GIS and data entry professional with over 11 years of professional G.I.S. experience. Conscientious, quick-to-learn, and proven experience working effectively both independently and as part of a team. Professional experience has included:

Preparing spatial data on high profile projects and providing to a variety of sources, including NGOs, the National Geographic, and the New York Times.

Oversight of day-to-day GIS operations in 15 government offices.

Monitoring of work done on dynamic data by county office GIS personnel to ensure quality control.

Training non-GIS experts on the use of GIS software, for both government and research purposes.

Communicated effectively with GIS personnel in county offices, both in person and using remote applications such as NetMeeting to correct GIS software and user errors.

Analyzing spatial data and creating project specific maps as required.

EXPERIENCE

2016 – Present **GIS ANALYST**
ESRI Canada
Vancouver, BC

Started as a consultant before being promoted to GIS Analyst working to develop a smart, 3D tool for disaster mitigation and response for the City of Vancouver

Edited and performed quality control on cadastre layer for municipalities throughout the province of BC

Digitized parcel data using a variety of types of data, including traditional aerial imagery, oblique aerial photography and street level photos.

Successfully met demanding daily completion standards in order to get work completed within the allotted time

2012 – 2016 **GIS SPECIALIST**
Sea Around Us Project
Vancouver, BC

Updated and created large, global datasets, such as exclusive economic zones and inshore fishing areas, in order to provide more accurate analysis on the effect of fishing on marine ecosystems.

Performed geographic analysis using a wide variety of data sources, such as administrative boundaries, ocean depth data and catch data

Created maps as requested for both internal use, and in a wide variety of journals and presentations, including a TED talk

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and a Sea Around Us Atlas that will be released soon

Create dscripts and models to automate large tasks

Created SQL queries so that catch data can be mapped and analyzed using GIS software.

2008 – 2009 **GIS SPECIALIST**
Tierra Right of Way
Tucson, AZ, USA

Created maps using ArcGIS for archaeological and biological surveys that had to be completed before construction projects could commence

Digitized data collected by archaeologists and biologists using ArcMap digitizing tools

Edited AutoCAD drawings provided by engineers

2007 **DIGITIZER**
Infoterra
Reading, UK

As part of UK working holiday, was a member of the team contracted by the UK's Rural Payments Agency to create GIS layers showing all the cropland in England, and maintaining this layer by making any updates requested by farmers

Successfully met demanding speed and quality targets for digitizing work

2003 – 2007 **STATE GIS SPECIALIST**
USDA Farm Service Agency
Phoenix, AZ, USA

Promoted to lead digitizer in May, 2004. Promoted to State GIS Specialist for Arizona and Nevada in November, 2004

Fulfilled spatial analysis and mapping tasks as requested by State Executive Director

Provided assistance to GIS users in 15 county offices

Trained county office GIS users when new tools were released by the National FSA Office

Oversaw the smooth conversion from shapefiles in ArcView to multi-user SDE databases in ArcGIS for all 15 county offices

EDUCATION

2011 – 2012 **ADVANCED DIPLOMA, GEOGRAPHIC INFORMATION SYSTEMS**
British Columbia Institute of Technology

Graduate Project: As part of an individual industry project, managed a tight schedule to create a prototype web-mapping application for an engineering firm using ArcGIS Server and the API for Silverlight. The prototype was well-received by management, which hopes to implement a similar application organization-wide in the near future.

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1997 - 2000 **BACHELOR OF ARTS, GEOGRAPHY**
Minor in General Business Administration
University of Arizona - Tucson, AZ, USA

SKILLS

- ArcMap/ArcCatalog (including extensions Spatial Analyst, Network Analyst, 3D Analyst)
- QGIS
- PCI Geomatica
- FME
- AutoCAD
- Adobe Illustrator
- PGAdmin
- Post GIS
- Microsoft SQL Server Management Studio
- Python