

Edward Arroll Borden
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EXPERIENCE

DATA ANALYST

Local Initiatives Support Corporation, Hartford, CT 2017-March 2019

- Led the statewide and local LISC office in the organization and enhancement of data and reporting. Enhancements included pivot tables, validation drop downs and summary calculations, as well as visual enhancements through the use of graphs and spatial technologies.
- Deployed Google Analytics for the CT LISC web traffic, including tailoring the features into a dashboard, and setting up scheduled reports and notifications.
- Additional activities included writing neighborhood demographic reports using multiple data resources including the US Census and City of Hartford data. Technologies utilized included: MS Office 2013 Suite, ArcGIS 10.5.1.

SENIOR GEOGRAPHIC INFORMATION SYSTEMS ANALYST

VHB, Wethersfield, CT 2014-2016

- Serviced clients within the pavement management group supporting municipal and regional agency clients with pavement management software which included: data development, installation, training, reporting and support. A major component of the client relationship was converting SQL Server data tables to a MS Excel workbook. This allowed clients to analyze their data through filters, pivot tables, and charts. Services involved utilizing my advanced knowledge of MS SQL server, MS Access, MS Excel, and ESRI ArcMap.
- In addition to my primary client management responsibilities, I was the point person for all internal mapping requests. Requests ranged from cell tower siting, commercial development population watershed, to trail planning.

SENIOR BUSINESS INTELLIGENCE AND GEOGRAPHIC INFORMATION SYSTEMS ADMINISTRATOR

United Way of Connecticut, Rocky Hill, CT 2005-2014

- Responsibilities included managing a team tasked with defining, creating and documenting all internal and external reporting. United Way of Connecticut consists of five departments, each utilizing separate data entry systems with multiple database stores. Database engines include MySQL, Microsoft Access and Microsoft SQL.
- Team was responsible for all reporting needs, both canned and ad-hoc. GIS responsibilities included spatial data analysis projects for both internal and external use for multiple departments. Projects included static mapping deliverables and web-based mapping applications for private and non-profit clients.
- Research and analysis projects included working with organizations studying statewide housing issues, database design and creation for data collection and management and GPS field data collection solutions.

PROJECT COORDINATOR

Connecticut Policy and Economic Council, Hartford, CT 2002-2005

- Responsibilities included coordinating CPEC City Scan programs in New Britain, CT, managing GIS projects and data, and prospecting new GIS projects for non-profit and municipal clients.
- Other duties included data research and report creation for statewide projects on a wide range of topics.

PROJECT MANAGER

Planimetrics, LLP, Avon, CT 1998-2002

- Primary responsibilities included managing and performing data collection, research, writing, mapping and presenting Plans of Conservation and Development for municipalities in Connecticut. All projects included modifying datasets to be used for spatial analysis.
- Other projects included statewide planning for Rhode Island, neighborhood planning in the South End of East Hartford and corridor management planning in Chaplin, CT. Additional tasks included zoning application research and review, and wireless communications application preparation.

OTHER EMPLOYMENT RELATED EXPERIENCE

INSTRUCTOR – Homeland Security and Geographic Information Systems

New Britain High School, New Britain, CT

Instructed twelve students in the fundamentals of GIS software and the usage of GIS tools to perform homeland security planning and preparation in Washington, D.C., and in their own community. Spring 2006

CONSULTANT – Trail Map Creation

Steep Rock Association, Washington Depot, CT

Created base mapping and final production maps for three trail system brochures. The project used many different sources of data including GPS and trail data, USGS contours, and State of Connecticut Department of Environmental Protection base map data. 2001-2005

Work samples:

<https://steeprocksassoc.org/wp-content/uploads/2019/02/Steep-Rock-Map-2019.pdf>

<https://steeprocksassoc.org/wp-content/uploads/2019/01/Hidden-Valley-Map-2019-1.pdf>

<https://steeprocksassoc.org/wp-content/uploads/2019/01/Macricostas-Map-2019.pdf>

RESEARCH ASSOCIATE

Council of Governments of the Central Naugatuck Valley, Waterbury, CT 1995-1998

RESEARCH ANALYST

Boston Police Department, Boston, MA 1994-1995

EDUCATION

GEOGRAPHIC INFORMATION SYSTEM CERTIFICATE PROGRAM

Central Connecticut State University, New Britain, CT

MASTER OF SCIENCE, Urban Planning and Development

Southern Connecticut State University, New Haven, CT

BACHELOR OF ARTS, Political Science

Drew University, Madison, NJ

GIS PROFESSIONAL ASSOCIATIONS

- Non-Profit Representative, Connecticut GIS User-to-User Group Steering Committee (2007 – 2014)
Member, Connecticut Geo-Spatial Council Training and Education Committee (2009 – 2012)
President, Connecticut GIS User-to-User Group Steering Committee (2007 – 2009)
- Member, Connecticut GIS User-to-User Group Training and Education Sub-Committee (2005-2009)
- Northeast ARC User Group 2006 Steering Committee Member Urban and Regional Information Systems Association

CONTINUING EDUCATION & CERTIFICATIONS

- Do It Yourself Geo Apps, *ESRI Online Course*, 2/2017
- The Location Advantage, *ESRI Online Course*, 10/2016
- Earth Imagery at Work, *ESRI Online Course*, 10/2016
- Introduction to Microsoft Tools for Business Intelligence: Hands-On, *Learning Tree International*, 2010
- Project Management: Skills for Success, *Learning Tree international*, 2010
- Introduction to Business Intelligence: Designing A Successful BI Program, *Learning Tree International*, 2009
- Leadership Academy Certificate, *Urban and Regional Informational Systems Association*, 2008
- Land Use Partnership Education Certification, 2000

COMPUTER & TECHNOLOGY SKILLS

- Proficient in Geographic Information Systems: ArcMAP 10.5.1, ArcGIS Online
- Microsoft Access 2013
- Microsoft Excel 2013
- Microsoft Word 2013
- Microsoft SQL Server 2005 & 2008 R2
- Microsoft Visual Management Studio 2005 & 2008 R2
- Visio Professional 2007 Level 1, New Horizons, 2008

PERSONAL INTERESTS & ACTIVITIES

Youth Ice Hockey Coach 2009 – 2014 (Certified Level 4)

High School Girls Lacrosse Coach 2018 – 2019 Season (CT Scholastic Certified Coach)

I also enjoy fly-fishing, playing ice hockey, and other outdoor activities.