

Abraham Brody

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Working in Boston, southeast Massachusetts, and remote

Overview: Quality control, quality analysis, database management, project management, Geographic Information Systems (GIS), Computer Aided Design (CAD), technical support, troubleshooting, programmer with knowledge of LiDAR, remote sensing, stormwater management, topographic, planning, transit, and communication tools.

Education:

- BA Geography Environment Resource Management and GIS from Clark University 1994
- ArcGIS PLTS 2014 • License: Aeronautical Information Specialist 7/2012 • GIS Program Management NEGIS 1/2016

Skills:

- Adobe Photoshop
- Apple Macintosh Systems
- ArcGIS (ESRI), ArcCatalog, ArcGIS Online, ArcEdit, Modelbuilder
- Access (Microsoft)
- AutoCAD Civil 3D & Carlson
- Audio Visual Presentation
- Data Science
- Database Design
- Geographic Information Systems & LiDAR
- ISO-9001 Training
- Mapinfo
- Microsoft Word, Excel, Powerpoint, Access
- MicroStation
- Project Management
- Quality Analysis & Quality Control
- Relational Databases (RDBMS)
- Remote Desktop
- SQL
- Troubleshooting software & repair
- Visual Basic and C++

Employment:

Macmaps - Freelance Technical Support, Repair Technician offering home and business computer consulting. Software backup, installation, troubleshooting errors. 7/1995 to Present

Environmental Partners Group - Database Developer Project, implementing 5 year Capital Improvement Plan models roads, sidewalks, and ramps with Access, ESRI ArcGIS ArcEdit, ArcMap, Modelbuilder, Wide Format Printers, Python. Municipalities serviced included Waltham, Wellfleet, Provincetown, and Eastham MA 4/2016 - 12/2016

Eldredge Survey and Engineering – LiDAR Specialist. Project in LiDAR laser remote sensing data analysis and extraction into AutoCAD from MicroStation/TopoDOT for Stormwater Management, Sewer Line, road and property grading mapping for Chatham MA. Used differential correction to ensure millimeter engineering level accuracy in GPS of laser scans. 4/2015-6/2015

Surveying and Mapping Consultants – LiDAR Technician Project: LiDAR laser remote sensing extraction and analysis of stormwater management, road, and property grading using AutoCAD and MicroStation/TopoDOT for Orleans, Wellfleet, Brewster, Braintree and Boston 10/2014-3/2015

National Oceanic Atmospheric Administration and Federal Aviation Administration – Aeronautical Information Systems Specialist - Project Management, Quality Control, Quality Analysis, Training Coworkers, Mapping and Developing hundreds of Aeronautical Regulated routes on 35 charts, verified work of 30 coworkers and contractors, Customer Service, Documenting Procedures, in MicroSoft Office, Outlook, Lotus, Citrix remote access, MicroStation and its scripting language, and ArcGIS. Awarded 12 times for various teamwork awards. Promoted 5 times. 11/1998-9/2014

Enterprise Information Systems – CADD Technician. Contractor for National Oceanic Atmospheric Administration. Nautical Charting, data extraction of Army Corps of Engineering sounding and Coast Guard Coast Pilot navigation data for the national waterways of the United States using MicroStation, IRAS/B, Access 10/1997-11/1998

Maryland National Capital Parks and Planning Commission – Drafting Technician. Project Planimetric and Parcel mapping aerial photography data extraction quality control ArcGIS and AutoCAD 11/1996-3/1997

Baltimore Metropolitan Council – GIS Programmer. Document software code of in house Geographic Information System, Address Geocoding, Mapping Police Precinct, Fire Department, School District, Zipcode six county region including Baltimore City 10/1995-11/1996