



Michael Robert Kullman

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Work Experience

GIS Specialist

01/97 - Present TDI-Brooks International, Inc. College Station, TX

- Assist scientific staff in production of technical documents to accompany publications, presentations, and interpretive reports.
- Design of brochures, posters and specialized cartographic output aimed at both technical and non-technical audiences.
- Development and maintenance of company website (www.tdi-bi.com).
- Use of Arc/Info and ArcView GIS software for cartographic output and analysis.
- Development of GIS tool (using Map Objects and Visual Basic) for visual display of geochemical data in an interactive map format.
- Creation of data management tools and templates for input, organization, and retrieval of core sample data.
- Maintain contact with clients to confirm core sample locations, data format requirements and final report specifications.
- Responsible for management and quality assurance of navigation and field collection data.
- Field work aboard company research vessel. Meetings with client field representatives and observers to explain company data collection techniques and equipment.
- Location and use of internet resources for map production, computer maintenance and software updates.
- Installation and maintenance of new computer hardware and software, printers and plotters.

Graduate Teaching Assistant and GIS Lab Manager

8/94 - 12/96 Department of Geography, TAMU College Station, TX

- Developed instructional manual for introductory undergraduate GIS course (with additional materials for advanced course) to satisfy requirements for non-thesis masters program.
- Instructed 3-4 labs per week.
- Provided general computer and GIS support for TAMU Department of Geography faculty and students.

Data Conversion Coordinator, Gulf of Mexico Structural and Stratigraphic Synthesis Project

8/92 - 8/94 Department of Geophysics, TAMU College Station, TX

- Provided cartographic output using AutoCad R12 and ARC/INFO GIS for a university run, oil industry sponsored program to map subsurface structures (faults, salt domes, etc.) in the northern Gulf of Mexico.
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- Responsible for presenting progress reports at annual project meetings.
- Installation and maintenance of new computer hardware and software.

Education

- MS, Dept of Geography, Texas A&M University - 1996
- BS, Dept of Geography, Texas A&M University – 1992

Technical Courses

- Trimble Navigation Global Positioning System (GPS) Training Course
- Avenue for ArcView 3 day short course

Field Experience

- Served as chief navigator and lab assistant on board company vessels during various offshore surface geochemical exploration programs for TDI-Brooks International, Inc. Operated navigation equipment/software, survey equipment/software, laboratory processing of core samples and input of navigation and core sample data into Access database.

Technical Strengths

- *GIS software* - ARC/INFO (PC, UNIX), Arcview 3.2 / 8.x, MapObjects, IDRISI, MapX, SPANS
- *HTML* - capable of creating and maintaining custom web pages. Use of Macromedia Dreamweaver UltraDev and Flash 4 for creation of web content.
- *General computer software* - Microsoft Word, Excel, Access, Powerpoint, etc.
- *CAD/Graphics software* - Autocad, Corel Draw, Adobe Illustrator, Adobe Photoshop
- *Programming languages* - Arc Marco Language (AML), Avenue, and Visual Basic.
- *Computer hardware* - have built complete systems, replaced all major components on numerous systems, installation and maintenance of large format plotters and printers.
- *Computer networking* - have installed local area networks and dial-up connections for Windows 9.x/NT/2000/XP and Macintosh computers.
- *GPS hardware* - have installed and operated GPS units receiving satellite and radio beacon differential corrections for offshore oceanographic surveys and core sample acquisition.
- *UNIX* - have installed and maintained Sun Sparc 10 workstation, responsible for creating and maintaining user accounts.

Organizations

- Corps of Cadets, Texas A&M University
- Gamma Theta Upsilon (Geographical Honor Society).

References available on request.
