

Megan Curran

EDUCATION

West Virginia University, Morgantown WV

August 2012- May 2016

Bachelors of Science in Environmental and Energy Resources Management (Emphasis in GIS)

PROFESSIONAL EXPERIENCE

West Virginia University, Morgantown, WV

May 2016- Current

Institutional Research Analyst at the Department of Institutional Research

- Responsible for Geospatial Information System (GIS), statistical analysis and supporting programming efforts for standard and operational reports utilizing data from the institution's primary business systems, the student system and the financial/human resources system.
- Perform statistical and GIS analysis to develop reports, which effectively communicate the results of such analysis to senior administrators, faculty and other key stakeholders.
- Provide support to institutional officers regarding admissions, enrollment, registration, graduates, personnel and various productivity measures.
- Assist in the processing of Federal and State reports, testing files, and processing requests using specialized computer programs.

West Virginia University, Morgantown, WV

January 2016-May 2016

Student Worker for the Department of Institutional Research

- Conduct research on geographical and economic patterns that impact PROMISE and HEPG scholarship recipients in West Virginia using ArcMaps 10.3
- Generate tables comparing current enrollment projections to past projections
- Conduct queries using Oracle Discover Desktop
- Test student census information in Discover for accuracy and reported errors
- Review dashboard reports for accuracy and made necessary changes

West Virginia University, Morgantown, WV

January 2016-May 2016

Intern for the Department of Facilities Planning and Scheduling

- Create maps in ArcGIS with data from Discover, Excel, online databases, and ArcCatalog
- Manipulate GIS data for West Virginia University's colleges and departments to produce maps used in legislative and institutional decision making
- Generate interactive .pdf files to show the distribution of need and merit based scholarships throughout West Virginia
- Draw conclusions from general observations or specific facts using critical thinking and problem-solving skills

P.A. Phelps Consulting LLC, Stafford, VA

June 2015-August 2015

Intern and Personal Assistant

- Participated in development planning, engineering, land surveying, and arborist services
- Designed a bio-retention pond that was implemented at a Verizon Wireless Store
- Managed Waste Water Treatment permitting process
- Adapted to new situations and settings based on the immediate needs of projects

West Virginia University, Morgantown, WV

January 2013-December 2015

Teaching Assistant in Agribusiness Economics

- Organized and delivered lectures, graded papers, and tutored students
- Assisted professor with developing a new class schedule

Mountaineer Success Academy, Morgantown, WV

August 2013-September 2013

Mentor

- Assisted university directors with advising and guiding new students around campus
- Answered incoming freshman's questions on successful study and lifestyle habits

SPECILIZED COMPUTER SKILLS

ESRI GIS:

ArcGIS 10.3, ArcMaps10.3, ArcCatalog 10.3.1

Microsoft Office:

Word, Excel, Power Point and ACCESS

Desktop publishing:

Adobe Acrobat DC

Data Management:

Oracle Discover Desktop, ideatest, ideaproduct

SAS

SAS Enterprise Guide 5.1

ORGANIZATIONS

- West Virginia Association of Geospatial Professionals
- Geography Club Member
- Knights of Columbus

ACCOMPLISHMENTS

- 2016- 3rd Place at the Presented at the West Virginia GIS Conference
- 2016- 2nd Place at the WVU Graduate Research Conference as an Undergraduate Student
- Dean's List, Spring 2013, Spring 2016
- 2012- Outstanding Young Woman of the Year Award- Knights of Columbus