

ELLEN ENVIRONMENT

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Baltimore, MD 21250
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Objective To obtain a full-time position in the field of environmental science

Education University of Maryland, Baltimore County, Baltimore MD Expected: May 20xx
Bachelor of Science, Environmental Science

- **Certificate: Geographic Information Systems**
- GPA: 3.3, Major GPA 3.5

Related Coursework: Remote Sensing, Advanced GIS, Landscape Ecology, Science Writing, Field Sampling, Soils, Field Ornithology

Skills/Abilities

ArcGIS

- Using **ArcGIS 9.1**, **ERDAS Imagine 9**, and **ArcView 3.2**, skilled at creating maps, doing spatial analyses, data conversion, 3-D modeling, and remote sensing.
- Experience in mapping census data, tree cover, impervious surface, and land-use land cover data, and floodplains.
- Loading points in GPS for fieldwork and surveying.

Research

- Field research measuring tree density, biomass, ground-truthing, data collection.
- Performing water quality surveys and stream analysis.
- Using **SPSS** and Excel for statistical analysis and data entry.
- Analysis of parcel maps and watershed maps for Howard County Agricultural Preservation Program and Environmental Planning Department.
- Soil Sampling and Analysis using **Nuclear Density Gauge** on construction sites.

Communication

- Presented projects reports and posters using Microsoft Word, Excel, and PowerPoint.
- Reported daily logs of construction work and soil compaction testing to geo-technical Project Manager and Construction Manager.
- Coordinated with town and county agencies to update repetitive flood loss properties database.

Organization

- Reorganized the Howard County Planning and Zoning Departments database to include all current up-to-date maps on the same drive and categorized directories.
- Prepare group for field work creating the necessary data tables, maps and other documents.
- Mapped repetitive loss properties database using Access.

Experience

GIS Intern, Maryland Department of the Environment, Baltimore, MD
(June 20xx- current)

GIS Intern, Howard County Department of Planning/Zoning, Ellicott City, MD
(February 20xx - May 20xx)

Field Technician/ Intern, Geo-Technology Associates, Frederick, MD
(June 20xx- August 20xx)