

## JOSEPH MINERAL

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### EDUCATION

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Bachelor of Science, May 20XX William & Mary, Williamsburg, VA

Major: Geology Major: Environmental Science & Policy

Geology GPA: 3.60 ENSP GPA: 3.50 Overall GPA: 3.45

#### **Relevant Coursework:**

*Core Geology:* Surface Processes, The Sedimentary Record, Earth Structure and Dynamics

*Specialized:* Environmental Geology, Weather Climate and Change, Oceanography

*Regional Field:* San Salvador, Bahamas - Carbonate Geology and Biology

### SKILLS

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**Software:** Excel, Access, PowerPoint, ArcGIS, RiverTools, KaleidaGraph

**Field:** XRF Analyzer, Brunton Compass, ISCO Water Sampler, HOBO Rain Gauge

**Certifications:** First Aid, CPR, OSHA 40-hour HAZWOPER Training

### RESEARCH EXPERIENCE

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**Geology Senior Thesis Project**, "Atmospheric Deposition of Mercury and Lead Contamination to Soils Across an Elevation Gradient in Vermont, USA," February 20XX-Present

- Research heavy metal content in mountainous soils for written thesis and final oral presentation.

#### **Research and Teaching Assistant, Center for Geospatial Analysis**

William & Mary, January 20XX – May 20XX

- Conducted GIS-based spatial analysis of land use change in coastal Ecuador, its environmental consequences in aquatic ecosystems, and effects on estuarine communities.
- Co-authored paper on land use changes published in *Journal of Land Use Science*, March 20XX.
- Presented poster at the American Planning Association Policy and Advocacy conference, May 20XX.
- Developed fully-funded grant proposal and interfaced with contractors for solar energy project.
- Facilitated GIS learning experiences through student communication and technical troubleshooting.

#### **Associate and Research Assistant, Global Environmental Governance Project**

William & Mary, June 20XX – August 20XX

- Managed a three-person team to compile and produce background documents that fostered productive and informative sessions at the United Nations-sponsored Global Environmental Governance Forum in Geneva, Switzerland.
- Orchestrated production of a documentary at the 25th UN Environment Programme Governing Council meeting in Nairobi, Kenya, liaising between high-level government and international organization officials and the film crew.
- Analyzed and conducted empirical research and interviews on US international environmental policy.

### COLLEGIATE ACTIVITIES

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**Steering Committee Member, William & Mary Committee on Sustainability**, August 20XX - Present

- Collaborate with faculty, staff, and students, to advance William & Mary's sustainability goals, such as improving energy efficiency.

**Member, William & Mary EcoVillage Planning Team**, September 20XX - Present

- Assist in planning of student residences that will use diverse sustainability practices and technologies.

### HONORS AND AWARDS

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**Stofan Scholar** - Awarded \$1,000 for geology senior research project; one of three senior geology majors to receive award in 20XX.

**James Monroe Scholar, Sharpe Community Scholar**