

Aaron Ferguson

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Objective:

To expand my knowledge of the interaction between the natural world and the real world economic and social struggles to find and guide others towards better working solutions.

Education:

Current	Grand Valley State University – Allendale, MI Masters of Public Administration Concentration: Urban and Regional Policy and Planning Expected Graduation Date: December, 2013
2011	Grand Valley State University – Allendale, MI BA Natural Resources Management Minor: Economics

Achievements and Awards:

- Paid summer internships with Grand Valley State University's Annis Water Resources Institute.
- Paid internship with Grand Valley State University's Transformation Research and Analysis Team
- Co-authored book review of "The Big Burn" in the Michigan Chapter of the Society of American Foresters.
- Co-authored and presented a recreational, environmental, and socio-economic analysis of Van Zoeren Woods property to the Zeeland Township Board 2010.
- Co- author of the "Transmission and Technology" issue brief for the West Michigan Wind Assessment project.
- Current GPA of 3.9 and a member of the Dean's List for fall 2008, winter 2010, and fall 2010.
- Grand Valley State University Sustainability Champion 2010, 2012
- Grand Valley State University I Am Grand Valley leadership award recipient 2010
- Authored and presented "Assessment of Urban Agriculture in the Brightmoor Community Detroit, MI: Adaptive Management Plan"
- Member of Omicron Delta Epsilon Economics Honor Society 2011
- Selected as Hauenstein Center Leadership Fellow 2011
- Co-authored a Delphi inquiry for the West Michigan Wind Assessment; Published by MSU Press 2012

Professional Experience:

Position Held	Company	Date
Transformation Research Analysis Team/ Office of Energy and Sustainability Student Associate (current)	GVSU/City of Grand Rapids	August 2010 to Present
Student Intern	Annis Water Research Institute (GVSU)	May 2009 to August 2009 May 2010 to August 2010
Regional Manager	North America's College Painters	January 2007 to December 2007

Skills:

- Proficient in Microsoft Office (Word, Excel, PowerPoint, Publisher)
- Professional research, writing, and presentation skills
- Adept in ArcGIS 10.0, ArcView, ArcCatalog, ArcMap, and IDRISI GIS software
- Adept with Long-range Energy Alternatives Planning System (LEAP)
- Water quality assessments
- Watershed Planning
- Tree and wildlife identification
- Forest ecosystem analysis
- Timber analysis
- Qualitative and Quantitative analysis methods
- Leadership and management techniques
- Sales and marketing
- Project management and customer service

Responsibilities: Transformation Research Analysis Team and Office of Energy and Sustainability

- Student consulting team that collaborates with Grand Rapids City executives to create more efficient and sustainable city operations
- Research municipal and private firm policies, planning, and funding models for City departments and executives
- Write and submit reports to be used in departmental planning
- Present findings to departments and requesting individuals
- Interview municipal officials and executives across the country
- Bi-weekly team meetings with program director, project manager, and team members
- Develop Climate Action Plan for City
- Conduct energy efficiency and alternative energy project cost benefit analysis

Responsibilities: Annis Water Resources Institute

- Consult with writing of Best Management Practices for watersheds
- Water quality analysis
- Trail surveys
- Research and report on various topics as requested by staff
- Land use cover change
- Database Creation
- Spatial analysis with GIS software
- Attend and participate at staff meetings
- Attend and participate at watershed council meetings

References:

Haris Alibasic

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Tom Almonte

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