

Zach Christian-Rotramel  
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952 Virginia St SE  
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### Education

#### **Grand Valley State University**

*August 2007 – May 2011*

Bachelor of Science in Geography – Minor in Environmental Studies

### Qualifications

- Advanced knowledge of ArcGIS 9 and 10, ERDAS Imagine, and Microsoft Office.
- Completion of advanced GIS and cartography courses through Grand Valley State University.
- Excellent communication, interpersonal, and collaboration skills.
- Genuine interest in GIS and Geographic material.

### Relevant Experience

#### **City of Grand Haven GIS Internship**

*January 2011 – May 2011*

- Constructed and organized Grand Haven's city cemetery for database use.
- Parcel creation and interpretation of written cemetery records.
- City atlas creation. Designed and constructed a land based atlas of Grand Haven.

#### **Grand Valley State University Facilities and Planning**

*May 2010 – August 2011*

- Arbor assistant to the University's Arborist.
- Manage and maintain campus trees and landscape designs.

#### **Geography and Planning Senior Thesis Research**

*August 2010 – May 2011*

- Investigated water quality in inland Michigan lakes.
- Manipulated and classified land cover images surrounding mentioned lakes.
- Explored trends and relationships between the two variables.

#### **Environmental Studies Capstone Project**

*January 2011 – May 2011*

- Organized a team to implement recycling pick-up at nearby apartments.
- Advertised and petitioned to students and local residents.
- Discussed initial program setup with apartment managers.

#### **Advanced GIS Planning Research**

*August 2009 – December 2009*

- Proposed parking lot congestion solutions for Grand Valley State University's Allendale campus.
- Geocoded new parking lot layouts and storm water systems.
- Generated a business model for budgets and funding.

### Honors and Activities

- Michigan Academy of Science research presenter. (March 2011)
- Applied for and received the Academic Conference Fund (ACF) grant for original research in GIS from Grand Valley State University.
- Multiple time recipient of Dean's List standing through Grand Valley State University for academic achievements.
- Member of the Association of Student Geographers.

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References

**Matthew VanPortfliet**

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**Roy Cole PhD**

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