

**BRADLEY JOEL SNIDER**  
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bradleyjsnider.com



## EDUCATION

**M.S., Geographic Information Systems Technology**, December 2013 (Projected)  
School of Geography and Development  
University of Arizona, Tucson, AZ

**B.S., Program in the Environment, Sustainable Urban Development concentration**, December 2010  
College of Literature, Science, and the Arts and School of Natural Resources and the Environment  
University of Michigan, Ann Arbor, MI  
Deans' List (Fall 2006), University Honors (2010)

## SKILLS

- Completed Engineering courses, providing a strong technical background (2006-2008)
- Proficient in Spanish (4 ½ years of schooling)
- Computer Skills: ArcGIS 10.x (ArcMap, ArcCatalog, ArcGlobe), Microsoft Access, C++, Matlab and Python
- Social media management and communications
- Team building and management among diverse groups and cultures

## WORK AND SERVICE EXPERIENCE

**GIS Intern, Pima County Community Development and Neighborhood Conservation Department**, Tucson, AZ,  
March 2013 – Present

- Create, edit and analyze various socio-economic, demographic, and community infrastructure and asset datasets, used for state and federal grant applications
- Prepare aesthetically pleasing maps and documents for diverse audiences and uses

**Live Resident, D:hive**, Detroit, MI, September - December 2012

- Co-created initiative to grow the number of talented individuals in Detroit, increasing the housing supply in greater downtown to match the rising demand
- Managed Twitter account (2000+ clicks/month), 400 member Facebook group and email communication (multiple requests/day) with potential residents

**United Way for S.E. Michigan, AmeriCorps Member**, Detroit, MI, September 2011 - June 2012

- Partnered with agencies to plan and lead corporate and student volunteer projects
- Executed large days of service, amassing a total of over 6,300 volunteer hours from participants
- Developed a training program for Team Leaders to conduct smaller projects

**Detroit Associate, University of Michigan Hillel**, Ann Arbor/Detroit, MI, September 2011 - April 2012

- Coordinated with and supporting two student leaders to design a new and innovative curriculum around University of Michigan Hillel student's relationship to Detroit
- Planned events, meetings, discussions and volunteer projects with a complex variety of partners
- Lead a week-long alternative spring break trip, managing budget, scheduling and group morale

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### **In-Residence Fellow, Summer in the City**, Detroit, MI, June 2011 - September 2012

- Resident at the Summer in the City headquarters, assisted with general logistics, hosted groups of volunteers and acted as an ambassador to the city
- Motivated and built self-esteem in children and volunteers in Project Play, which brought together Metro Detroit high school students and Southwest Detroit elementary school students
- Explored the meaning of service through informal discussions with high school volunteers

### **Transit Equity Researcher, Transit Riders United**, Detroit, MI May – June 2011

- Conducted research on how to best integrate the planned M1 Woodward Light-Rail line with Detroit's current transit system
- Compiled a list of recommendations to ensure the new line does not create an inequitable two-tiered transit system based on income
- Advocated for improved transit funding in Metro Detroit and across the state of Michigan with both legislators and citizens at community events

## **RESEARCH EXPERIENCE**

### **GIS Analyst, Michigan Institute for Fisheries Research**, Ann Arbor, MI, June - December 2010

- Created algorithms to obtain anglers' trip coordinates, using water-body and city/county data
- Collaborated with a team from Michigan DNR, University of Michigan, and Michigan State University
- Self-taught Microsoft Access, in addition to prior knowledge of ArcGIS suite to manage, create and edit spatial data

### **Term Project Group Member, Environment 407: Sustainable Cities**, Ann Arbor, MI, Winter 2010

- Generated a strategy to sustainably redevelop a brownfield on Chicago's South Side with a diverse group of highly motivated students, recognizing and utilizing our respective strengths
- Researched many aspects of green planning, such as transit, solar access and urban agriculture
- Created a 40 page written report and PowerPoint presentation, using GIS to illustrate our vision

### **Group Project Member, Environment 309: Intro to GIS**, Ann Arbor, MI, Winter 2010

- Collected data on Grand Teton National Park from various geodatabases
- Conducted viewshed analysis to determine the most scenic vistas along various trails in the park based on the topography, geology, ecology and geography
- Generated elevation profiles of various trails to determine their degree of difficulty

### **Student, GeoSci 341: Ecosystem Science in the Rockies**, Jackson Hole, WY, Summer 2008

- Conducted solo and group work in the areas of mountain ecology, meteorology and geology
- Gained environmental field experience through: monitoring a weather balloon and station; mapping; taking transect inventories; soil profiling; water sampling; measuring fluvial dynamics
- Hiked and camped in variable conditions, learning skills such as cooking in the wilderness