

BRADLEY JOEL SNIDER
brad@bradleyjsnider.com · 248.302.7248
bradleyjsnider.com



OBJECTIVE: To obtain a full-time position using GIS technologies for the accumulation, management, analysis and presentation of social geographic data.

EDUCATION

M.S., Geographic Information Systems Technology, December 2013

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)
- Software: Esri ArcGIS 10.x for Desktop and Server, ArcGIS Online, GitHub
- Programming Languages: JavaScript, HTML5, CSS3, Qt, Flex
- APIs/SDKs: ArcGIS JavaScript API, Leaflet, ArcGIS Flex API, ArcGIS Runtime SDK for iOS
- Social media management and communications
- Team building and management among diverse groups and cultures

WORK AND SERVICE EXPERIENCE

SDK Technical Support Analyst, Esri, Redlands, CA, February 2014 – Present

- Provide world-class technical support to clients developing custom applications using Esri's software, APIs and SDKs
- Work well in a high energy, fast paced, enthusiastic, positive, and collaborative culture
- Identify, understand, and articulate solutions for customer issues through oral and written communication
- Present ArcGIS SDKs and APIs to GIS and non-GIS developers at conferences and hackathons
- Diagnose, evaluate, and document potential software bugs and enhancements
- Train analysts in the ArcGIS JavaScript API, and AppStudio for ArcGIS

GIS Intern, Pima County Community Development and Neighborhood Conservation, Tucson, AZ, March 2013 – February 2014

- Developed a booklet of areas targeted for development assistance based on Federal HUD guidelines
- Edited, analyzed, and mapped socio-economic, demographic, and community asset datasets via ArcGIS for Desktop
- Prepared a 70-page gazette with aesthetically pleasing maps and charts to be used by diverse audiences

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

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AmeriCorps Member, United Way for S.E. Michigan, 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 supported 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

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 integrating the 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 socioeconomic transit system
- Advocated for improved transit funding in Metro Detroit and across the state of Michigan with both legislators and citizens at community events

RESEARCH EXPERIENCE

Master's Project, Master's in Geographic Information Systems Technology, University of Arizona, Tucson, AZ, Fall 2013

- Explored metropolitan success in the Rust Belt region and the importance of postsecondary education
- Utilized Esri's ArcGIS for Desktop software suite for analyzing this spatial relationship
- Developed a 20-page thesis paper and presentation to present my findings

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 utilizing prior knowledge of ArcGIS for Desktop software 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