

MICHAEL R. HINO

Anaheim, CA • mhino@usc.edu

EDUCATION

University of Southern California Los Angeles, CA
Master of Science, GIST Program Expected June 2017

University of California Santa Barbara Santa Barbara, CA
Bachelor of Arts, Geography Program with GIS emphasis, Distinction in Major June 2010
Bachelor of Arts, Environmental Studies Program June 2010

EXPERIENCE

Long Beach Public Transportation Company Long Beach, CA
Service Planning – GIS Analyst July 2011 to Present

I utilize geospatial analysis on large data sets including, annual ridership characteristics, community development/demographics, origin/destination flow changes, etc. in order to better allocate transportation service in the community, manage capital projects, develop/implement new technology for decision making, and create various maps for analysis, grants, reports, publications, presentations, requests etc.

- Manage large capital projects insuring deliverables are on schedule and meet expectations
- Collaborate with departments (i.e. IT, Marketing, Finance, HR, etc.) and vendors on project implementations
- Analyze spatial/statistical distribution of ridership from fare collection, surveyors, and APC
- Provide spatial analysis and mapping components for grants, routing proposals, and public maps
- Design, maintain, upgrade, and integrate core GIS databases and GIS Server
- Develop interactive web mapping applications across the local intranet and Amazon EC2 cloud
- Deploy SharePoint sites with interactive mapping components for analysis and data production
- Create and update web and mobile applications for the distribution of data amongst 500+ coach operators
- Manage three interns returning quality milestone deliverables for core company projects

University of California Santa Barbara Santa Barbara, CA
Earth Research Institute – Research Assistant June 2010 to April 2011

The Earth Research Institute conducted collaborative studies with other departments and research institutions on natural science topics. As a research assistant, I aided in research of kelp change detection along the California coast from the 1980s to 2011 using remote sensing techniques and GIS.

- Acquired, validated, processed, classified and analyzed Landsat 4 and 5 imagery using the IR spectrum

Geography Department IT Team – IT Volunteer June 2010 to May 2011

Supported the geography department IT needs for professors, staff, students, and labs.

- Created, upgraded, repaired, and maintained computers, labs, and servers

ADDITIONAL INFORMATION [Include only relevant lines]

Applications: ArcGIS Desktop, ArcSDE, ArcGIS for Server, Portal, Esri Maps for SharePoint/Office, SQL Server, Active Directory, FlexViewer, GTFS, Amazon Web Services, MapInfo, Microsoft (SharePoint, Access, Excel, Word, PowerPoint, Visio), ENVI, TransCAD, R, SPSS.

Programming: SQL, HTML, Flash, JavaScript, Python, Java, OIG.

Presentations: GIS in Transit Conference 2013

Awards: Dean's Honors; Graduated with Outstanding Academic Achievement for both BA degrees.

Certifications: GISP