Mark Lightner

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PROFESSIONAL EXPERIENCE

AECOM - Water, Oakland, CA   **2014 – Current**
GIS Specialist II

- Automate tasks to expedite projects as well as facilitate QA/QC.
- Support engineering team in analyzing data and creating informative maps.
- Develop raster analysis methods to more accurately predict coastal inundation.
- Responsible for spatial database development and administration for various projects.
- Design informative maps utilizing complex datasets while maintaining cartographic principles.

City of Oakland - Public Works Agency, Oakland, CA   **2011 - 2014**
Bicycle Facilities Student Trainee

- Designed and maintain a bicycle facilities web map (http://sfgis.com/bikemap/).
- Designed and implemented new bicycle facilities utilizing field work and GIS.
- Responsible for database management.
- Digitized City of Oakland bicycle network to be compatible with Network Analys**t.**
- Assist engineers in bicycle specific street striping using AutoCAD.

Skates on Haight, Inc., San Francisco, CA   **2009**
Web Development / Inventory Manager

- Copywriting, photographs, and video creation for ecommerce websites.

Independent Contractor, Bay Area, CA   **2007 - 2011**
Marine Electrician / Networking Specialist

West Marine, Sausalito, CA   **2005 - 2007**
Assistant Manager

EDUCATION

San Francisco State University, San Francisco, CA   **2013**
  Bachelor of Arts, Geography; Techniques in Geographic Analysis

City College of San Francisco, San Francisco, CA   **2012**
  Certificate of Completion in Geographic Information Systems

SUMMARY OF TECHNOLOGY PROFICIENCIES

- **Database Management Systems**: MS Access, MySQL, Oracle, PostGIS
- **Operating Systems**: Windows 7/Vista/XP, Mac OS X
- **Languages (& Markup)**: CSS, HTML, Java, JavaScript, KML, PHP, Python, SQL, XML
- **Software**: Adobe Creative Suite, ArcGIS, AutoCAD, GRASS, MS Office Suite, QGIS

PORTFOLIO
  http://sfgis.com/portfolio.html