ALEJANDRO GOMEZ

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91724

EDUCATION

UNIVERSITY OF CALIFORNIA, LOS ANGELES   2016
Bachelor of Arts in Geography   Los Angeles, CA
Minor in Geospatial Information Systems & Technologies (GIS&T)
- *Academics:* GPA 3.4 Courses include GIS Programming, Introduction to Computer Science, Population Geography, Advanced Remote Sensing, Advanced GIS, Cartography, Introduction to Cities & Planning, and iPhone and iPad Application Programming (Extension course).
- *Athletics:* UCLA Club Tennis and Salsa Dancing Class.

PIERCE COLLEGE   2013
Associate of Arts in Behavioral Science   Woodland Hills, CA
- *Academics*: GPA 3.4 with coursework in Statistics, Biology, Meteorology, and Physical Geography Lab
- *Honors/Awards:* Dean's Honor List

EXPERIENCE

Los Angeles County Metropolitan Transportation Authority   09/17 – Present
Transportation Planner   Los Angeles, CA
- Accountable for hard-copy and online GIS mapping/data requests for internal departments and external shareholders.
- Conduct planning writing & research and attend weekly meetings in support of the Long Range Transportation Plan (LRTP).
- Responsible for the development of documents, infographics, and maps to support the LRTP.
- Perform GIS analysis to support in determining costs, boundaries, and local demographics of major rail & highway projects within the Measure M expenditure plan.
- Create python scripts to automate mapping workflows.
- Responsible for the maintenance of local GIS databases and developed standard operating procedures for map requests.

Los Angeles County Metropolitan Transportation Authority   11/16 – 09/17
Transportation Associate I   Los Angeles, CA
- Accountable for hard-copy GIS mapping requests within in the Long Range Planning Department.
- Perform basic GIS geoprocessing to map major rail and highway projects within the Measure M expenditure plan.
- Attend weekly meetings regarding development of the Long Range Transportation Plan.

Los Angeles County Metropolitan Transportation Authority   05/16 – 11/16
Administrative Intern   Los Angeles, CA
- Assist in the creation, editing, documentation, and mapping of GIS data in the Long Range Planning Department.
- Developed an interactive online mapping application of the existing and future transit system and associated data.
- Provide support in the design of custom maps for hard copy print and digital circulation.

EXTRA-CURICCULAR

UCLA GEOGRAPHY ASSOCIATION EVENTS DIRECTOR   2014 – 2015
- Planned events for the Geography Association including: volunteer work, presentations, club outings, and outreach programs.
- Hosted a GIS workshop to demonstrate the process of data acquisition, query extraction, Notepad++ utilization, & data manipulation.

PORTFOLIO

- Proficient in ESRI & QGIS software used for data acquisition, manipulation, analysis, data visualizations, and mapping.
- Familiarity working with web-mapping and data visualization tools including: Google Visualization API, Google Fusion Table, ArcGIS Online, Mapbox, and Leaflet.
- Experience coding and scripting with JavaScript, HTML, CSS, Python, SQL, IDL, C++, and Swift. Additional mobile application object oriented programming experience, utilizing Xcode, Github, CocoaPods, UI/UX design, and networking.
- Expertise in Microsoft Office (Word, PowerPoint, Excel, Access); typing speed: 60 wpm.
- Involvement conducting research in physical & human geography, GIS, and urban/transportation planning.
- Experience gathering open-source data from authoritative sources, ensuring up-to-date status.