

# Luis F. Medina, EIT

LFMD412@gmail.com | (209) 918-0419 | [linkedin.com/in/LFMDEIT](https://www.linkedin.com/in/LFMDEIT) | San Diego, CA

## SUMMARY

Aspiring Civil Engineering professional with experience in project management, organizational leadership, and Land Development design who excels in a fast-paced environment.

## EDUCATION

**San Diego State University**

**Aug. 2016 – May 2021**

**Major:** Civil Engineering B.S.

**Relevant Coursework:** Highway Eng., Traffic Eng., Scheduling, Light Framed Structures and Foundations

## EXPERIENCE

**Michael Baker International** | Land Development Intern – Federal | San Diego, CA

**Mar. 2019 – Present**

- Assists in technical writing of basis of design, pricing narratives, technical narratives, and sewer studies
- Creates pipe network profiles using AutoCAD Civil 3D
- Conducts Sewer Studies in order to provide sizing and slope recommendations
- Designs improvement plans that include utility & roadway maps, section details, and exhibits
- Uses USGS EarthExplorer to gather High Res Orthoimagery in TIF format for proposal documents
- Provides Quality Control through thorough, detail-oriented, revisions of plans prior to submittals
- Performs airfield pavement investigations and inputs data in Trimble TerraSync
- Full access airfield vehicle license (AVOC) for MCAS Miramar

## LEADERSHIP

**American Society of Civil Engineers, San Diego State University Student Chapter**

**Sep. 2017 – Present**

Timber Strong Design-Build, Project Manager

*Jun. 2019 – Present*

- Leads team in the design and construction phase of the project
- Develops project's deliverables, budget, and construction schedule

Vice President, External

*Jun. 2020 – Present*

- Attends external meetings as ASCE SDSU representative and liaison
- Leads and provides support for external operations in a safe and efficient manner

Social Media Chair

*Jun. 2019 – May 2020*

- Maintained student chapter website with up to date with information about chapter activities and opportunities
- Managed student chapter social media accounts such as LinkedIn, Facebook, Instagram, and Twitter leading to a 47% growth in post interactions and an established online presence

Historian

*Jun. 2018 – May 2019*

**American Public Works Association, San Diego State University Student Chapter**

**Aug. 2019 – Present**

Vice President

*Jan. 2020 – Present*

- Presents student activity updates at APWA San Diego Professional Chapter monthly board meetings
- Helps keep social media organized and up to date with valuable multimedia information

## Awards

- ASCE San Diego Section Scholarship *2020 - 2021*
- ASCE SDSU Leadership Award *2018 - 2019*

## SKILLS

- **Technical Skills:** AutoCAD, Bluebeam REVU, Primavera P6, ArcGIS, Bentley FlowMaster, USGS EarthExplorer, Google Earth PRO, Microsoft Word, PowerPoint, & Excel, Outlook, Google Suite, PEMS
- **Interests:** Father Joe's Villages, I Love A Clean San Diego, Soccer, Tennis, Golf
- **Languages:** English, Spanish (Fluent)