

Luis F. Medina, EIT

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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)