

## **LORETO ANDREA URRA CONTRERAS**

Loreto is a Civil engineer originally from Chile. She started her studies in the Master program of Civil engineering at University of Missouri on spring 2018. Currently is a research assistant and her work is related to performance specification for asphalt mixtures in Missouri. Her areas of interested are Performance especifications of asphalt mixtures, Smart pavement material, Sustainable pavement, models for predicting termal cracking.

### **1. PROFESSIONAL EDUCATION**

University of Missouri Columbia (January 2018-present)  
Master in Civil engineering (current studies)

Civil Engineering  
Universidad Técnica Federico Santa Maria, Chile, 2013.

### **2. EDUCATIONAL WORKING EXPERIENCES**

Research assistant University of Missouri-Columbia Jan 2018-present

- Research project on performance test specification

Research Assistant, University Federico Santa María, may 2012 – august 2013

- Research project on reflective cracking for asphalt overlays in Chile.

Teaching assistant, Universidad Técnica Federico Santa María, spring & fall 2012

- Teaching assistant, Highway Systems , 2012
- Teaching assistant, Highway Laboratory ,2012
- Teaching assistant, Highway and Laboratory I , 2012

### **3. PROFESSIONAL EXPERIENCES**

GHD S.A Consulting, Santiago, Chile (January 2014 to January 2018)

*Engineer in Transportation area. Main duties:*

- Project engineer in multidisciplinary projects: writing reports, writing technical specifications, review AutoCAD drawings, conforming to designs and specifications, designing and modeling structures, geotechnical studies, preparing budget of projects.

- Writing project proposals for private and public clients: preparing technical methodology and Gantt charts, project budgeting, cost estimation
- Project coordination: projects planning, preparing contract documents, attending meetings with clients and contractors

Ghisolfo Ingeniería de Consulta Ltda. (September 2013-January 2014)

- Engineer for Urban street Projects. Main duties: project coordination: project scheduling control, attending meetings with clients and contractors, preparing contract documents, providing performance indicators to management.