

Resume Example IV

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EDUCATION

The Pennsylvania State University, University Park, PA

Bachelor of Science in Civil Engineering, December 2007

Cumulative GAP 3.65, major GPA 3.92. Dean's List: Spring 2005, Fall 2005, Spring 2006, Fall 2006, Spring 2007, Fall 2007. Member: The National Civil Engineering Honor Society Chi Epsilon, American Society of Civil Engineers, Institute of Transportation Engineers, Society of Hispanic Professional Engineers

WORK EXPERIENCE

Kittelson & Associates Inc, Fort Lauderdale, Florida

Engineering Associate

Mar. 2010 – Aug. 2011

- Appointed to lead an initiative to increase the firm's presence in the local market and promote project opportunities related to roadway safety
- Managed a \$50,000 portfolio of projects focusing on roadway safety, transportation planning, and traffic operations. Monitored projects to ensure scope and budget compliance, and frequently met with clients to discuss progress, results and expectations
- Selected to present in Lima, Peru on safety practices in the United States and the newly released Highway Safety Manual to government agencies and consultants exposing the firm internationally and targeting new clients
- Analyzed the existing traffic operations of the Golden Glades Interchange, a confluence of five major roadways serving eastern and southern Florida, using a micro-simulation model (CORSIM), as part of a planning effort of the Florida DOT that evaluates the feasibility of a new freeway to freeway connection and other improvements
- Developed a methodology for the South Dakota DOT to proactively identify and prioritize safety improvements of the roadway network and maximize the benefit of the investment

Transportation Analyst

Feb. 2008 – Mar. 2010

- Conducted transportation engineering and planning projects in the areas of growth management, transportation system planning, traffic operations, roadway safety, transit, transportation research and development services
- Participated on the development of the First Edition of the Highway Safety Manual, a nationally accepted document to perform quantitative safety analysis in terms of crashes, by verifying method applications sample problems, editing chapters, and assessing and incorporating Technical Committee's review comments

Fernandez & De Cea Ingenieros Ltda, Santiago, Chile

Civil Engineer Intern

Summer 2007

- Assessed waiting and traveling time field data for the recently established transit system Transantiago, serving the capital city, to identify bottlenecks locations and provide countermeasures for immediate implementation
- Automated and streamlined reporting systems using Macros, cutting the work time from 6 to 3 hours

H & M Development LLC, Miami, Florida

Civil Engineer Intern

Summer 2006

- Coordinated and controlled construction tasks using Microsoft Project to ensure complying with budget and schedule
- Assisted the Project Manager with inspections at the construction site to confirm structural integrity, work quality and on-time task completion

ADDITIONAL

- Fluent in spoken and written Spanish and English
- Institute of Transportation Engineers Gold Coast Chapter: Vice-president (2011), Treasurer (2010), Book Scholarship Committee (2009)