

Resume Example IV (After Program)

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EDUCATION

Duke University, Durham, NC

GPA 3.93

Master of Engineering Management, May 2012

Relevant Coursework: Marketing, Project/People Management, Designing Customer Experiences, Strategy of Services
Activities: MEM Program Development Committee, Alumni Event and Focus Group Planning

The Pennsylvania State University, University Park, PA

Cumulative GPA 3.65, Major GPA 3.92

Bachelor of Science in Civil Engineering, December 2007

Dean's List: Spring 2005 – 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

- Led 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; ensured scope and budget compliance, and frequently met with clients to discuss progress, results and expectations
- Presented in Lima, Peru on safety practices in the United States and the newly released *Highway Safety Manual (HSM)* to government agencies and consultants exposing the firm internationally and targeting new clients
- Provided internal consulting support to the Florida DOT in the areas of corridor planning, interchange modifications, and development of regional impact studies
- Evaluated several intersections, roadway segments and interchanges to identify short- and/or long-term operational and safety improvements using Highway Capacity Manual based tools, macro- and micro-simulation models, and HSM methodologies

Transportation Analyst

Feb. 2008 – Mar. 2010

- Collaborated on the development of the *First Edition of the HSM*, 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
- Conducted multiple projects simultaneously in the areas of growth management, transportation system planning, traffic operations, roadway safety, transit, transportation research and development services

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)