

ED F. GAVIRIA

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Summary

Ed is currently pursuing a Ph.D. in Civil Engineering and Sustainable Infrastructure Systems with a focus on Transportation and Transit Oriented Development. He has an in-depth understanding of Sustainable Transportation, the Economics of Sustainability, Finance, Market Research Methods and Community Development. He also has extensive experience in Market Research, Management Consulting, Operations and Information Technology.

His skills for this position include:

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|------------------------------------|-----------|---------------------------------|-----------|
| • Management Consulting | 8+ years | • Engineering & IT Project Mgmt | 10+ years |
| • Financial Modeling | 10+ years | • Market Research Methods | 6+ years |
| • Community Development | 4+ years | • Transportation Economics | 3+ years |
| • TOD & Sustainable Transportation | 3+ | • GHG Inventory & LCA Analysis | 3+ years |

Professional Experience

UNIVERSITY OF COLORADO DENVER

NSF IGERT PhD Student & Research Fellow – City & Regional Planning

09/2010 – Present

- PhD dissertation focus: Sustainable transportation and transit oriented development
 - Investigate and quantify the costs of congestion to the economy and the environment on the I-70 corridor from Denver to Summit County and onto Vail and Glenwood Springs.
 - Develop a greater understanding of the key success factors to implement Transit Oriented Developments by working with the cities of Boulder, Fort Collins and Longmont.
 - Work with CDOT to develop a robust economic model to effectively quantify the NPV, ROI and ROE (Return on the Environment) of investments in transportation infrastructure systems.

DELOITTE CONSULTING

Supply Chain Finance and Business Analytics Manager, Denver, CO

01/08 - 09/2010

- Implement business processes and strategies in support of new product introductions; extend initial product forecasts to create comprehensive product lifecycle management and supply chain strategies; develop sustainable business strategies for emerging technologies; implement cost effective sourcing, material management and inventory controls.
- Develop business processes, performance metrics, benchmarks and supply chain models for specific clients seeking to optimize their organizations by delighting customers with excellence in order fulfillment.
- Operational responsibilities: detailed project planning & tracking, supply chain metrics development, profitability management and development and implementation of the actual solution.

IPSOS FMC

Market Research Manager for Community and City Planning, NY, NY

06/04 - 12/2007

- Develop market research strategies for various communities interested in assessing community support for various initiatives including survey development, design and analysis, deployment, data collection and data analysis.
- Manage and lead the development of new quantitative research tools/methods to enable clients to maximize their brand equity and increase their overall profitability.
- Manage the Market Research groups for various communities and corporations including Vail, Vail Resorts, Intra West, Edwards, and the City of New York.

CORNELL UNIVERSITY

Master's in City and Regional Planning, Ithaca, NY

09/02 - 08/04

- Interdisciplinary program in quantitative, simulation and econometric methods, as well as policy design and operations to solve sustainability infrastructure problems and the City level.
- Member of the Solar Decathlon team (DOE's competition to build and completely solar powered home) that won 3rd place in the 2005 competition.
- Teacher's Assistant:
 - Fall 2003: Sustainable Economic Development. Responsible for leading recitation sessions and grading.
 - Spring 2004: Adv. Public Finance. Responsible for teaching and grading 1 session per week.

HEWLETT PACKARD

Supply Chain Finance and Business Analytics Manager - Greeley Hardcopy Division, Greeley, CO **01/97– 09/2000**

- Manage all projects related to the optimization of current and future business processes and systems to maximize product availability and manufacturability while reducing costs, developing a viable recycling program to recover key materials while improving time-to-market.
- Operational responsibilities: Comprehensive project planning, client communication, sales proposal development, weekly reporting, team scheduling, and overall revenue projections

Advanced Planning and Financial Systems PM – Integrated Circuits Business Division (ICBD) **09/96 - 01/1997**

- Lead the Integrated Circuits Business Division's ERP system selection and implementation of the SAP Supply Chain and Finance modules project to enable a 1-week worldwide Planning process with ATP (available to promise) and sales forecasting functionality for semiconductor manufacturing. Key aspects of the project plan included:

Sr. Finance and Strategy Analyst – Inkjet Business Unit **08/94 - 09/1996**

- Developed comprehensive marketing segmentation and pricing models to maximize market penetration and continued explosive growth.
- Implemented an internal benchmarking process to determine the division's core competencies and key competitive advantages to facilitate the design and development of a world-class type supply chain organization.

AMERICAN AIRLINES

Sr. Financial Analyst

06/92 - 07/1994

- Developed and implemented financial strategies to retain and expand current international accounts by using sound financial statement analysis, setting achievable growth and ROI targets for specific markets, offsetting currency rate fluctuations through forward contracts, and streamlining reporting resulting in a 15% increase in retentions.
- Created and maintained operational budgets, financial reports, variance analysis and rolling forecasts by region.

Education

The University of Colorado at Denver: Ph.D. City & Regional Planning and Sustainable Infrastructure Systems. 9/2013

- Areas of interest: Sustainable Transportation and the economics and viability of sustainable infrastructure strategies.

Cornell University: M.S City & Regional Planning 8/04

- Areas of interest: Community Planning, Market Research, Public Finance and Transportation Planning.

The University of Texas/Austin. Master of Business Administration. 5/92.

- Concentration: Finance & Marketing Strategy.
- Consortium for Graduate Studies full tuition fellowship.

The University of Texas/Austin. Bachelor of Science in Electrical Engineering. 5/89.

- Major: Electrical Engineering; Focus in Power Generation and Distribution.
- Army ROTC 4yr Scholarship.

Technical Skills:

- *Certified Project Management Professional and member of the Project Management Institute*
- C++, Java J2EE, Fortran and Python programming expertise
- *Languages: Native Spanish speaker. Conversational German and Portuguese.*