

Marcelo Blinder

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- EDUCATION:** **University of Washington – Seattle, WA (GPA 3.79)**
Master of Business Administration : June, 2012
- Cornell University - Ithaca, NY (GPA 3.63)**
Master of Engineering degree in Computer Science : July, 1996
- Universidade Federal do Paraná - Curitiba, Brazil**
Bachelor degree in Civil Engineering : February, 1994

- EXPERIENCE:** Microsoft Corporation –Fargo, ND
Software Engineer April 2016 – Present
- Currently working on the improvement of Excel reports, internationalization features, re-architecture of components for cloud hosting and fixing defects for Management Reporter.
- HSBC – Curitiba, Brazil
Business Analyst II July 2015 – April 2016
- Worked with the project tracking of credit projects for credit modeling, positive credit and credit desk for retail banking.
- Performed impact assessment and analysis of variance for the new process for the registration of retail customers of the Brazilian branch of the bank.
- Microsoft Corporation – Redmond, WA and Fargo, ND
Software Engineer September 2002 – February 2014
- Owned the setup and low-level integration of PowerPivot with Excel 2013 developed in C++ and C#.
- Participated on the development of Slicers for the Excel 2010. Areas of ownership include the file persistence, the object model and cube functions on Excel 2010 and the Report Gallery on SQL Server Analysis Services R2. Used C++ for the development.
- Delivered the administration screens and reports for Workflows and Analysis Cubes for Dynamics GP 10.0 using C#, SQL Server and ASP.NET.
- Lead engineer on the fourth service pack for Enterprise Reporting 7.5. Led a team of engineers remotely located in India, investigated and solved customer issues, changed the development's infrastructure, re-designed the OLAP (business intelligence) module of the product and worked on the knowledge transfer to the new development team. Used C++ and C# for the development.
- Led a team of engineers on the third service pack for Enterprise Reporting 7.5. Duties include the investigation of data damaging and performance issues on the main application.
- Worked on the second service pack for Enterprise Reporting 7.5 as the project led engineer. Investigated and resolved client issues on the main application and the Report Server.
- Successfully completed the design and implementation of a utility used for the migration of data from legacy Sybase databases to SQL Server.
- Investigated, redesigned and coded fixes for critical client issues on the main application, Report Server, and the Web Extension on the first service pack for Enterprise Reporting 7.5. Re-designed the component used for report scheduling and generation by Enterprise Reporting 7.5 using C#.
- J.P. Morgan - New York, NY
Associate March 1998 – September 2002
- Participated on the architecture and implementation of a risk management system for the Credit Derivatives business used to calculate market sensitivities, P&L, P&L Predict and to capture trade

information. Designed and implemented the web-based trade-capture component systems and worked on the implementation of the analytical engine. Used Java and C++ for the development.

- Lead engineer in the reengineering of the system used by FX Options for risk management. Developed the component used to perform load balancing and resource allocation during calculations. Also developed the component used for the retrieval of market data. Used Java for the development.
- Designed and implemented a system used to capture intra-day trade information and to show how the new trades affect the interest rates sensitivities using C++, VBA and Java.
- Participated in the design and implementation of a system developed in C++ used to provide end-of-day interest rates sensitivities for short-term interest rate products.
- Worked on the system used to calculate the Daily Earnings at Risk (DE@R) and end-of-day sensitivities. Developed the calculation engine and the web-based user interface in C++ and Java.
- Owned the work for the data exchange between an FX system and other external systems. Duties included end-of-day rate feeds to the P&L system and evaluation of credit risk.

Sapient Corporation – Cambridge, MA

Software Developer

February 1997 - March 1998

- Worked on the implementation of the contracts, discounts and measurements modules of a three-tier system used to manage the business transactions that occur on a 9000 miles gas pipeline using C++ and Oracle PL/SQL.

Cornell University Medical College

Database Programmer

August 1996 - January 1997

- Worked on the design of an Object-Oriented database for the Aplysia project. The database collects data about neurons in the form of text, pictures and graphs.

Intertechne Consultores Associados, Curitiba - Brazil

Junior Civil Engineer

June 1995 - August 1995

- Translated FORTRAN software developed for the IBM mainframe into a PC environment to evaluate the benefits of investment versus possible energy shortages in a hydropower-thermal system and used the software to analyze the reduction in the probability of energy shortage by constructing a new hydroelectric power plan on the state of Minas Gerais.

Intertechne Consultores Associados, Curitiba - Brazil

Junior Civil Engineer

January 1994 - August 1994

- Performed hydraulic/hydrologic studies and statistical analysis of water levels, flows and volumes on a dam construction site at Huites, Mexico.
- Designed, implemented and tested a network based on Windows NT (the fifth network of this type that was implemented in Brazil) for 12 machines and later served as network administrator

LANGUAGES: Fluent in English and Portuguese.

COMPUTER SKILLS: C#, C++, Java, Python, R, HTML, VBA, Excel, SQL, Windows, Linux, UNIX

ONLINE COURSES: Financial Engineering and Risk Management Part I and II, Statistical Learning, Introduction to Big Data, Machine Learning Foundation, Neural Networks and Deep Learning, Financial Markets, Foundations of Business Strategy.

HONORS: University of Washington

-Beta Gamma Sigma member – top 20% of the class 2012

Universidade Federal do Parana

-Silver medal for the second highest GPA in the class 1994

-Gold medal for the best score in the university's examination entrance. 1989