

# DAVID S. HOROWITZ

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## PROFILE

My passion lies at the intersection of business and technology. My deep knowledge of software development – along with the vision and drive of an entrepreneur – give me a competitive edge which has led to a long track record of successfully turning great ideas into even better products.

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## PROFESSIONAL EXPERIENCE

### **THE WORLD BANK**, *Washington, D.C.*

May 2006 – Present

Lead developer of some of the World Bank's most cutting-edge web products. Works with senior management to develop and implement product strategies, roadmaps, and milestones. Manages multiple projects through the software development process with an emphasis on translating user feedback into product enhancements. Responsible for writing and presenting project proposals to management.

#### *Key Achievements:*

- Consistent track record of leveraging Web 2.0 technologies to solve business needs. Examples include:
  - **iSimulate** (<http://isimulate.worldbank.org>) for collaborative economic simulations
  - **World Bank API** (<http://developer.worldbank.org>) for data mashups
  - **iChart** for customizable, live data visualizations
- Significantly improved the collaboration between the Bank and its partners (including the UN, IMF, OECD, and IFC) via promoting the implementation and adoption of Web 2.0 software across organizations
- Increased the outreach of my unit by spearheading the launch of a blog (<http://blogs.worldbank.org/prospects>) and integrating our high-frequency data into the Bank's Open Data platform (<http://data.worldbank.org>)
- Managed my unit's transition from an old data architecture to a new architecture with customizable error reporting, collaboration and versioning software, centralized data access and a new modeling environment

### **CENTER FOR ADVANCED TRANSPORTATION TECHNOLOGY**, *College Park, MD*

May 2003 – May 2006

Responsible for leading the development of innovative web software in the field of intelligent transportation systems.

#### *Key Achievements:*

- Developed a first-of-its-kind incident management system for local government agencies
  - Led the development of a live regional traffic map, which provided a graphical display of local traffic conditions
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## TECHNICAL SKILLS

- **PHP5** using the **Symfony** framework for rapid application development
  - **Javascript** using the **ExtJS** library for Ajax and professional UI components
  - **MySQL** database design and complex SQL queries using both native SQL and the **Propel** ORM
  - **.NET** and **VSTO** for advanced Microsoft Office customizations and add-ins
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## EDUCATION

### **The University of Pennsylvania and The Wharton School of Business**

Expected May, 2012

*Executive Masters in Technology Management*

### **The University of Maryland, College Park**

*Bachelor of Science, Computer Science*

*Bachelor of Arts, Economics*

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## HONORS AND AWARDS

- Promoted three times in the past five years as a result of consistent outperformance relative to my peers
- World Bank Vice Presidential Team Award, December 2009 (given for outstanding results-oriented innovation)
- World Bank Group Spot Award, June 2007 (given for improving the productivity and efficiency of my unit)
- University of Maryland Dean's List (four times)