

TIMOTHY J MEYERS

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Analyst, software developer, and project manager solving high-impact problems through technology and divergent thinking

EDUCATION

UNIVERSITY OF CALIFORNIA BERKELEY

Master's of Information Management and Systems

Berkeley, CA

Sep 2013 – May 2015

- Focus: Information and communication technologies for development (ICTD), software development, project management
- Recipient of merit-based School of Information fellowship

UNIVERSITY OF MARYLAND COLLEGE PARK

B.S. in Mathematics, B.S. in Finance, cum laude, Phi Beta Kappa

College Park, MD

Sep 2005 – May 2009

PROFESSIONAL EXPERIENCE

DECISIONTEK

Senior Research Analyst

Rockville, MD

Jun 2009 – Dec 2012

- Provided research and software development support for projects hosted by the Federal Railroad Administration (FRA), the Federal Highway Administration (FHWA), and the Transportation Research Board (TRB) of the National Academy of Sciences.
- Designed software to conduct safety, operational, and economic analyses of railroad and highway networks nationwide
- Developed, with the president, the leading rail safety assessment software in the country, used by FRA and Class I railroads
- Developed Microsoft Silverlight application to visualize and edit railroad track data, reducing data-entry time five-fold.
- Designed normalized databases and SQL queries to manage and operate on hundreds of millions of rows of simulation data
- Led 5 analysts and developers in a \$500,000 TRB research project to build a web application for evaluating the financial feasibility of new passenger rail projects.
- Drafted winning proposals for projects totaling over \$1,600,000, increasing company revenues by 200% since my arrival
- Presented research results at the 91st annual TRB meeting to leading transportation professionals worldwide

CONSTELLATION ENERGY COMMODITIES GROUP

Financial Analyst Intern

Baltimore, MD

Jun 2008 – Aug 2008

- Evaluated the profitability of Constellation Energy's sales by modeling the consumption and output of their coal plants
- Created optimization models that predicted gas allocation among units of a power plant, improving cost estimation by 5%
- Analyzed energy commodities data and applied technical analyses to raise over \$50,000 trading natural gas futures

VOLUNTEER AND ENTREPRENEURIAL EXPERIENCE

CENTER FOR SOCIAL INITIATIVES PROMOTION (CSIP)

Volunteer, Software Developer

Hanoi, Vietnam

Jan 2013 – Apr 2013

- Developed and marketed new website for the leading social enterprise incubator in Vietnam

THE SOCIAL RESCUE PROJECT

Software Developer, Founder

Washington, DC

Oct 2011 – Dec 2012

- Designed web and Android applications for volunteer organizations to record and share locations of homeless individuals
- Collaborated with Seattle's largest homeless relief organization to facilitate the delivery of aid to over 1,000 individuals

SPORTYOURSELF, INC

Part-time Project Manager, Shareholder

Washington, DC

Aug 2009 – Dec 2011

- Defined online strategy and product features of a website that provides skill instruction, talent recognition, and entertainment to athletes
- Led 5 software developers towards successfully completing a 2-year, \$360,000 phase of development
- Collaborated with CEO to define product vision and business plan, resulting in \$500,000 in angel investments

ADDITIONAL

- Fluent in English and French (dual-citizen of the United States and France), proficient in Spanish
- Publication: Meyers, T., Stambouli, A., McClure, K., Brod, D. (2012) Risk Assessment of Positive Train Control by Using Simulation of Rare Events. *Transportation Research Record*, 2289, 34-41.
- Enjoy composing orchestral pieces and performing vocals and harmonica as part of a folk group; avid world traveler.