David Ritter

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Seeking to expand my knowledge of economics tools, models and techniques, while leveraging strong professional and technical skills gained through my career as a software developer.

Education

SEPTEMBER 2018 – DECEMBER 2019 (EXPECTED)
MA in Economics / Columbia University

SEPTEMBER 2016 – MAY 2018
BA (Honors) in Economics / University of Alberta
Cumulative Grade Point Average: 3.9 out of 4.0

SEPTEMBER 2002 – OCTOBER 2004
MSc in Computer Systems Engineering / Technical University of Denmark
Cumulative Grade Point Average: 10.0 out of 13.0

SEPTEMBER 1994 – MAY 1999
BSc in Computer Engineering / University of Alberta
Cumulative Grade Point Average: 8.1 out of 9.0

Academic Honors

- Bank of Canada Governor's Challenge Finalist – 2017-2018
- Canada Scholarship - 1994-1998
- Dr. FP Galbraith Entrance Scholarship – 1994
- Louise McKinney Post-Secondary Scholarship – 1995
- University of Alberta Undergraduate Scholarship - 1995
- Board of Governors Prize in Engineering - 1995

Work Experience

NOVEMBER 2010 – AUGUST 2018
Directory of Engineering, Mobile / Lolay Inc.
- led development of multiple iOS and Android apps for various clients
- assisted in defining mobile app architectural standards
- liaised with clients, project managers and development teams to define requirements and designs for mobile apps

DECEMBER 2008 – NOVEMBER 2010
Senior Software Developer / Codespin Inc.

- created enterprise web applications for small-to-medium businesses

FEBRUARY 2008 – MAY 2009
Software Developer (Contract) / GE Fanuc Software

- implemented features and defect fixes for GE Fanuc's industrial automation products
- participated in planning and design of next generation automation software

NOVEMBER 2006 – JANUARY 2007
Software Developer (Contract) / DHSoft Inc.

- developed data visualization tools for viewing multi-dimensional business forecasts
- created packages to produce automated export of historical datasets for use in econometric models
- analyzed changing business processes to provide consistent and reliable historical data to forecasting process

AUGUST 2005 – JULY 2006
Software Developer (Contract) / GE Fanuc Software

- designed and developed communication drivers for GE Fanuc's industrial automation and HMI products
- created automated testing frameworks for software components

SEPTEMBER 2004 – JULY 2005
Software Developer (Contract) / DHSoft Inc.

- developed enterprise web applications for support of Sprint Nextel's repair depot

JANUARY 2001 – JULY 2002
Software Developer / GE Fanuc Software

- designed and developed communication drivers for GE Fanuc's industrial automation and HMI products
- participated in design and implementation of Windows-based programming software for HMI devices

AUGUST 1999 – AUGUST 2000
Software Developer / Crimp AS

- created configuration tools for telephone call center software
- designed and developed prototype web interface for call center customer interaction and call center management