Tomás Ó Briain

Contact Information

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University of Edinburgh, 29 Buccleuch Place
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Education

University of Edinburgh — **Sep 2010 – Present**
PhD in Finance — *Sep 2010 – Apr 2013 (Part-Time)*
- Working title: 'Learning behaviour of investors: Evidence from a financial betting market'
- Supervisors: Dr Peter Moles and Dr Ufuk Güçbilmez

University College Dublin, Ireland
MSc in Finance — **2004 – 2005**
- Final Result: 2.1
- Subjects: Capital Markets, Financial Asset Valuation, Derivative Securities, Strategic Finance, Real Estate Portfolio Management, Corporate Finance, Financial Econometrics, Financial Engineering, Applied Portfolio Management.

Dublin City University, Ireland
Bsc in Finance, Computing and Enterprise — **2000 – 2004**
- Final Result: 1.1
- Subjects: French, German, Financial Management, Investment Management, Treasury Management, Global Financial Markets, Quantitative Methods, Software Systems, Operating Systems, Software Engineering, Computer Networks for Business, Database Technology.

Irish Leaving Certficate (Results: 550 Points)
Coláiste Eoin, Booterstown, Co. Dublin — **1992 – 1998**

Professional Experience

Quantitative Analyst — **Aug 2009 – Apr 2013**
Paddy Power PLC, Belfield Office Park, Clonskeagh, Dublin 4
Managed and maintained high uptime, low latency pricing engines used in the production of Paddy Power's Financial Betting product. Managed liability risk and individual customer risk profiles. Designed prototype of real-time risk management and customer activity monitoring system.
Undertook a review and overhaul of Paddy Power's customer-facing trading interface. Researched and analysed new product opportunities and pricing mechanisms. Designed value-added information and analysis tools to enhance customers user experience. Developed KPIs and operating metrics. Managed third-party relationships with data providers and business partners.

Short-term Interest Rate (STIRs) Trader — **Jan 2006 – Nov 2008**
Alternative Capital Managers, South Cumberland St, Dublin 2
Traded German Government Bond, Short-Term Interest Rate and Equity Index Futures: Spreads, Butterflies, Condors and Curve trades, Calendar Spreads and Intra-Contract strategies on Eurex and Euronext LIFFE exchanges. Responsible for running own trading book.
Analysed conomic releases, monetary policy actions and underlying trends in global foreign-exchange, commodity and equity markets. Executed long-term, event-based and relative-value trading strategies. Designed and coded applications to analyse real-time order book and exchange data, perform calculations and generate trading signals. Worked with managers, fellow traders and trainees, to research and develop new trading strategies.

Financial Consultant (Internship) — **Jan – Sep 2003**
Murex SA, 8 Rue Bellini, 75016 Paris, FRANCE
Collaborated with clients in writing White-Papers on regulatory issues for client use. Analysed client database data-models in Murex's MxG2000 and designed reports for clients. Created deal-tickets and Swift documents for external applications in MXML Exchange using XML, XSL, SQL to extract data from Sybase databases and MxG2000.

Bank Officer (Internship), Investor Compensation Department **Jun – Sep 2002**
Central Bank of Ireland, Dame Street, Dublin 2
Administered and maintained Sage Line50 accounting package. Installed and upgraded software. Issued receipts and invoices. Made cheque lodgements. Drew up IT procedures.

Bank Officer (Internship), Banking Supervision Department **Jun – Sep 2001**
Central Bank of Ireland, Dame Street, Dublin 2
Compiled Risk Policy indicators. Dealt with queries: Investor Compensation, Legal issues. Monitored and processed Prudential and Large Exposures Returns.

Musician **1998 – 2000**
Abhann Productions's 'Riverdance', 27 Lower Hatch Street, Dublin 2
Member of Riverdance Orchestra. Toured in Europe and Asia.

Research Interests

Behavioural Finance, Asset Pricing, Prediction & Betting Markets, Betting Exchange Microstructure, Bayesian Learning

Conferences & Training

EFMA (Doctoral Seminar), University of Rome Tor Vergata	**Jun 2014**
Finance Scholars' Conference/Quant Finance Workshop, University of Sussex	**May 2014**
Staff brown bag seminar, University of Edinburgh	**March 2014**
AQMEN Stata Fast Track Workshop, University of Edinburgh	**March 2014**
Quantitative Research in Finance (SGS Summer School), University of Edinburgh	**Jun 2013**
R in Finance and Credit Risk Modelling, University of Edinburgh	**Jul 2013**
Scottish Doctoral Colloquium in Finance, University of Dundee	**May 2013**
Behavioural Finance and Economics Workshop, University of Bath	**Oct 2012**
Scottish Doctoral Colloquium in Finance, University of Edinburgh	**Jun 2011**

Technical Skills

Statistical:	SAS, Stata, R, SQL, MathLab, SciLab.
Programming:	C# .Net, Java, Javascript, Tcl/Tk, XML, Unix (Linux), XMLSpy.
Financial:	EccoPro (GUI & API), TT X-Trader, Bloomberg (GUI & API), Reuters 2000 Xtra, Murex MxG2000, CQG, Futuresource, Sage Line50.

Teaching & Professional

Teaching Assistant, University of Edinburgh	**2013**
Certified Eurex Exchange Trader	**2007**
T.E.F.L. (100 Hour) Certificate, International T.E.F.L. College of Ireland	**2007**

Languages

French, Irish, English (Fluent), German (Intermediate)

Sports and Pastimes

Member, University of Edinburgh Amateur Boxing Club	**2013 – Present**
Member, Irish Mountain Running Association	**2011 – Present**

Referees

Dr Peter Moles
Senior Lecturer in Finance
UEBS (Business School)
University of Edinburgh
Edinburgh, Scotland
Phone & email: *on request*

Dr Ufuk Güçbilmez
Lecturer in Finance
UEBS (Business School)
University of Edinburgh
Edinburgh, Scotland
Phone & email: *on request*

Dr Dermot Golden
Head of Risk
Paddy Power PLC
Clonskeagh, Dublin 4
Dublin 4
Phone & email: *on request*