

Troy St. Clair Boyd Forster

Director of Technology and Innovation
Toronto (Downtown), Canada
<mailto:troy.forster@gmail.com>
416 617 4921

<http://tforster.com>
<http://blog.tforster.com>
<https://twitter.com/tforster>
<https://github.com/tforster>
<http://www.linkedin.com/in/tforster>
<https://www.facebook.com/troy.forster>
<http://instagram.com/tforster>

About Me

- 25+ years experience developing technology solutions
- Overflow experience in many diverse industries including legal, financial, telecommunications, communications, advertising, engineering and government

My successes are directly attributable to my strong technical knowledge combined with superb client relationship skills. I am very comfortable working directly with non-technical senior management and have often been called upon to write and present content to large audiences. I am a rapid learner, putting me at a distinct advantage when “parachuting” into new environments.

Recent Projects and Highlights

- Autonomous drone with text-to-speech megaphone
- NodeJS Multilingual CMS SPA with Ajax SEO support
- Sun activated mobile coupon for sunscreen product
- IoT out-of-office indicator
- GPS timed linear clock
- Consultant to global TBWA offices

TBWA\Toronto

April 2010 to now

Director of Technology and Innovation

- Technology Evangelist
- Define core technology values
- Work with digital strategists and creatives from earliest point to ensure tech is feasible, we are pushing boundaries, we adhere to core technology values
- Wreative technology exploration, R&D, Application and Solutions Architect
- Participate in new business pitches
- Global tech consultation with various TBWA\ DAN offices including New York, LA and London

adbeast

November 2005 to March 2010

Solution Architect

- Designed and developed strategic modules for adbeast studio (see <http://www.adbeast.com/studio.html> for more details)
- Mentored developers
- Created cross-browser drag-and-drop upload manager that allows multiple files to be dragged from either Mac or Windows into Safari, FireFox and Internet Explorer; supports preview of QuickTime movies, jpgs and gifs; allows up to 2Gb per batch; selectively add and remove individual files. ASP, IIS, SQL Server, VBScript, JavaScript, DHTML, Java, CSS,
- Created custom applications for key clients like Anheuser Busch. ASP.NET 2.0, C#, AJAX, dojo, JavaScript, DHTML, SQL Server,

Aird & Berlis

January 2004 to November 2005

Solution Consultant

- Developed network and systems management applications
- Developed end-user utilities
- Developed unattended deployment and installation scripts
- Developed Blackberry intranet via BES MDS
- Mentored developers
- Managed practice specific applications including licensing, upgrades and security
- Provided end-user support for practice specific applications
- Created applications to assist with sorting, cleaning, categorizing and importing of 250,000 documents into the DMS
- Development initiatives used a combination of VB, VB.NET, VBScript, WMI, ADSI, SQL Server, IIS, Win2K3, InstallShield, COM, DNN, Javascript

Creative Standard Canada

January 2003 to January 2004 (company closed)

Development Manager

- Worked directly with several of CSC's largest clients to design and develop the next generation of their Content Management System (CMS). CSC provided additional value to their clients by customizing and integrating the CMS with the clients existing backend systems resulting in rich intra and internet sites. CSC's client base included financial, sport and packaging sectors.
- Completely redesigned and rewrote existing CMS to simplify administration and facilitate addition of custom modules.
- Implemented rich roles based permissions to allow multiple administrators to manage different areas of the sites.
- Implemented content management feature to allow check in/out of pages.

- New version now being used to run sites including <http://www.subarurallyteam.com> and <http://www.insystems.com>.
- Technologies include ADO, ADSI, ASP, JavaScript, COM+, SQL, VB, VBScript, XML, XSLT
- Additional value-added customization for Subaru Rally Team included the creation of a press release module, events listing module and complete leader board supporting race day updates
- Additional value-added customization for Insystems included integration with their existing client and prospect application, automated newsletter management, integration with existing eforms engine.
- In addition to the redesign of the core application I was also invited to participate in other aspects of the business including: gathering requirements and writing functional specifications for non CMS projects; managing development environment; defining development processes; mentoring developers

Travellex

January 2002 to January 2003

Consulting Technology Director

- Designed and built a currency application for distributing rates in real-time to the traders. Used SQL DTS, XML, XSLT, VB, VBScript, JavaScript, MTS, IIS/ASP
- Created scalable framework for integrating multiple legacy financial systems. Framework utilized COM, SQL DTS, VB, XML, XSLT
- Provided support and mentoring to other developers on numerous projects

Aird & Berlis

February 2001 to January 2002

Senior Consultant

- Built new, and enhanced existing front line business applications using VB, VBA, MS-Access, COM, SQL Server 2000
- Automated management of DocsOpen document management using COM, VB, MAPI
- Built web interface to legacy DOS based accounting system with IIS, VB, VBScript, JavaScript, SQL Server

Ontario Ministry of Labour

September 2000 to February 2001

Development Consultant

- Contracted to complete the development of an existing project named Inspector Notebook. Inspector Notebook is a distributed application that runs on 300 laptop computers used by labour inspectors across the province. Local data in Sybase is synchronized with a central Oracle back-end in Toronto.
- UI developed using VBA and MS Access Forms talking to Sybase Adaptive Server Anywhere

International Labour Organization (UN Geneva)

January 2000 to May 2000

Development Consultant

- Worked with vendor of existing workflow application to design and develop a new web-enabled module for the UN International Labour Office.
- Application accessed from offices in over 50 countries
- Implemented using IIS, ASP, MS Access, DHTML, IE DOM

The City of Toronto

November 1998 to January 2000

Development Consultant

- Developed automated operating system and application deployment
- Developed numerous windows and web applications to assist in administration of environment

The Bank of Novascotia

July 1997 to November 1998

Year 2000 Consultant

- Provided technical expertise on all PC related issues pertaining to The Bank's Year 2000 Challenge
- Conceived, designed and developed the Bank's first Intranet site
- Created an end-user BIOS and RTC diagnostic tool used internationally to evaluate PC hardware for Y2K compliance. Responsible for functional specification, tools selection and ensuring project was completed on time. The code for this product was later shared with [Attest Inc.](#) and incorporated into their GASP inventory product
- Authored end-user Y2K documents that were distributed to offices in more than 50 countries

Rogers Communications Inc.

June 1995 to July 1997

Senior Developer

- Applications Integration and Deployment
- Responsible for advancing the architecture of Rogers Enterprise wide common desktop
- MSDD Development Manager
- Designed and developed applications to manage and administer the RELAY Desktop
- Designed and developed hands-free migration of Windows 3.1 to Windows 95
- Integrated shrink-wrap and in-house software into RELAY Desktop

Tories LLP

April 1994 to June 1995

Helpdesk Specialist and Intermediate Developer

- Provided expert 1st level support to over 600 users of Microsoft Office Professional 4.2
- Extensive programming, customisation and routing of MS Word documents using WordBasic
- Contributed numerous articles to a weekly newsletter called WordWrap

- Lead discussion groups on Internet issues, including a presentation to 150 members of the Toronto Law Office Managers Association (TLOMA)

Burson-Marsteller

September 1992 to April 1994

Technical Administrator and Account Coordinator

- Hardware and software support in mixed Mac/PC environment using Microsoft Office
- Provided technology expertise and advice to Technology Practice Group
- Liaison between high-tech clients (Sun Microsystems, Microsoft) and public relations professionals

Dawson Microsystems

February 1991 to September 1992

Inside PC Sales

- Inside PC, hardware and software sales to The City of London, The London Police Force, The London Board of Education, Ellis Don and the London Regional Art & Historical Museum

Mandelbrot Computer Solutions

August 1990 to February 1991

Sole Proprietor

- Built and sold systems to small business owners
- Offered basic training, software sales and installation

HepcoMotion (London, UK)

July 1988 to August 1990

Title

- Designed and implemented materials & production scheduling system, and inventory tracking system using Borland Turbo Pascal 3