# Troy (St. Clair Boyd) Forster

Director of Technology and Innovation
Toronto (Downtown), Canada
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

Deep experience developing creative solutions for challenging problems. I am a hands-on technologist that inspires and leads my technical staff. I put my clients first as a future-thinker architecting for long term sustainability. I draw upon a wealth of experience from many diverse industries including legal, financial, telecommunications, communications, advertising, engineering and government. I am exceptionally articulate and adapt my communication to each audience's level of technical understanding

## Recent Projects and Highlights

- Major mobile application for GlaxoSmithKline (Fall 2014 release)
- Global sales support tool for Pfizer in 20+ countries
- Autonomous drone with text-to-speech megaphone
- Architected a NodeJS Multilingual CMS SPA with Ajax SEO support
- Sun activated mobile coupon for sunscreen product
- IoT out-of-office indicator
- GPS timed linear clock

## TBWA\Toronto                                                    April 2010 to now

### Director of Technology and Innovation

- Technology Evangelist
- Manage team of ten developers and ensure we adhere to the practices and processes I define
- Clients include: AMI, CMA, Cooper Vision, Energizer, Gatorade, GlaxoSmithKline, Google, Grammy Awards, Infiniti, KPMG, Minto, Nissan, Petro-Canada, Pfizer, Purina, TEDMed, Visa, WestJet, Yellow Tail Wines
- Work with digital strategists and creative teams from the earliest point to ensure the technology is feasible and that we are pushing boundaries
- Define application, information and database architectures for all projects
- Responsible for all Creative Technology R&D
- Member of New Business team and participate in new business pitches
- Global tech consultant with various TBWA\DAN offices including New York, LA and London

*Arduino, ASP.NET, C#, CSS3, ExpressJS, Facebook API, Git, Google APIs, HTML5, IIS, Instagram API, IoT, Java, JavaScript, JSON, JSP, Linux, MongoDB, mSOA, MySQL, Nginx, NodeJS, ODB-II, PhantomJS, PhoneGap, PHP, Python, Raspberry Pi, SQL Server, SVN, Twitter API, Web Services, Windows, XML, YouTube API*

## Adbeast (Toronto)
<div align="right">November 2005 to March 2010</div>

### Solution Architect

- Designed and developed strategic modules for the Adbeast Studio
- Mentored five person development team
- Implemented best practices including version control, unit testing and shared documentation
- Responsible for all custom application development for clients including Anheuser Busch and William F. White International Inc.

*ASP.NET, C#, CSS, Flickr API, HTML, IIS, JavaScript, JScript, JSON, QuickTime,mSOA, S3 API, SQL Server, SVN, VBScript, VSS, web services, XML, YouTube API*

## Aird & Berlis LLP (Toronto)
<div align="right">January 2004 to November 2005</div>

### Solution Consultant

- Developed network and systems management applications, end-user utilities and unattended deployment and installation scripts
- Developed Blackberry intranet via BES MDS
- Mentored developers

*ADSI, COM, DNN, DocsOpen, IIS, InstallShield, JavaScript, SQL Server, VB, VB.NET, VBScript, Win2K3, WMI*

## Creative Standard Canada (Toronto)
<div align="right">January 2003 to January 2004 (company closed)</div>

### Development Manager

- Worked directly with several of CSC's largest clients to design and develop the next generation of their Content Management System (CMS).
- Completely redesigned and rewrote the CMS to simplify administration and facilitate addition of custom modules which included rich roles based permission and page versioning

*ADO, ADSI, ASP, COM+, HTML, IIS, JavaScript, SQL Server, VB, VBScript, XML, XSLT*

## Travelex Canada (Toronto)
<div align="right">January 2002 to January 2003</div>

### Senior Consultant

- Designed and built a currency application for distributing rates in real-time to the traders.
- Created scalable framework for integrating multiple legacy financial systems.

*COM, HTML, IIS, JavaScript, MTS, SQL Server DTS, VB, VBScript, XML, XSLT*

## Aird & Berlis LLP (Toronto)
<div align="right">February 2001 to January 2002</div>

### Senior Consultant

- Built new, and enhanced existing front line business applications

*COM, DocsOpen, HTML, IIS, JavaScript, MS-Access, SQL Server, VB, VBScript, VBScript,*

## Ontario Ministry of Labour (Toronto)
<div align="right">September 2000 to February 2001</div>

### 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.

*MS Access Forms, Sybase Adaptive Server Anywhere, VBA*

## International Labour Organization (Geneva, Switzerland)          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 United Nations International Labour Office.

*ASP, DHTML, IE DOM, IIS,MS Access*

## The City of Toronto          November 1998 to January 2000
**Development Consultant**

- Developed automated operating system and application deployment for the former Works and Emergency Services division
- Developed numerous windows and web applications to assist in administration of environment

## The Bank of Novascotia (Toronto)          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

*ASP, IIS, Turbo Pascal, VBScript*

## Rogers Communications (Toronto)          June 1995 to July 1997
**Senior Developer**

- Applications Integration and Deployment
- Responsible for advancing the architecture of Rogers Enterprise wide common desktop

## Tories LLP (Toronto)          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, customization and routing of MS Word documents using WordBasic

## Burson-Marsteller (Toronto)          September 1992 to April 1994
**Technical Administrator and Account Coordinator**

## Dawson Microsystems (London, ON)          February 1991 to September 1992
**Inside PC Sales**

## Mandelbrot Computer Solutions (London, ON)          August 1990 to February 1991
**Sole Proprietor**

## HepcoMotion (London, UK)          July 1988 to August 1990
**Production Planning Programmer**

*Turbo Pascal*