

# George Fisher

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Demo reel and website: <http://www.jointmeta.com/>

Citizen of Canada and the United Kingdom

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## Education

BSc. Honours Computer Science with Software Engineering Specialization at the University of Windsor (May 2006) [george.fisher@alumni.uwindsor.ca](mailto:george.fisher@alumni.uwindsor.ca)

Dipl. Honours Film Production at Vancouver Film School (VFS), 90% average, top of class (July 2009) [fp123george@vfs.com](mailto:fp123george@vfs.com)

## Training

Java Specialist Advanced Master Course (November 2009) by Dr Heinz Kabutz

EXPERIENCE (See attached page 3 for filmography)

## CAE/Xwave – Software Specialist 3 (September 2006 – July 2008, August 2009 – Present)

On site at Lockheed-Martin Canada - Halifax Class Modernization Project 2009-present – Underwater Warfare Group – Target Motion Analysis (TMA) Lead

- o Designed Target Motion Analysis software – sonar passive ranging – for Halifax class Frigates for the Canadian Navy
- o Held meetings with DRDC Atlantic scientists and Navy personnel to gain expert knowledge on TMA algorithms and research
- o Created a solution that was a hybrid of cutting edge and traditional TMA techniques
- o Implemented solution TMA in Java using Lockheed-Martin infrastructure
- o Prototyped system and simulated test cases in Matlab
- o Designed GUI, developed visualizations, guided GUI developer through development
- o Stayed consistently ahead of aggressive schedule

Advanced Spectroscopic Portal Project 2006-2008 – Nuclear isotope detection system for US Homeland Security, CAE/Xwave was software subcontractor to Raytheon

- o Developed system data archival process in C#, producing large XML files to specification, including XML validation
- o Held meetings with project scientists to review and correct algorithms for data collection, sensor calibration, and noise reduction. Implemented these algorithms in C++
- o Planned and developed Supervisory Computer GUI to specification in C# using user controls and threading
- o Used ADO.NET to communicate with MS-SQL database
- o Worked on C++ to C# bridge, and some work on Matlab/C++ integration
- o Developed in C# for Windows XP, and C++ on XP & CE embedded

- Wrote C++ applications to create test data sets and to feed test data into embedded applications
- Travelled to Boston to participate in and support on-site testing
- Wrote clear and easy to understand documentation

### **Self Employed – Perennial Survey – Web based survey business (2000 – 2006)**

- Developed web applications to allow users to build online surveys
- Dealt directly with customers, provided technical support, custom services
- Clients included Federal Government of Canada, Ciba Vision, Columbia Records, CBS and Volvo subsidiaries

### **Zenrin – Field Researcher (Summer 2005, Summer 2006)**

- Surveyed Canada east of Manitoba for GPS mapping software
- Planned route and schedule

### **Volunteering**

- Numerous short independent films as production assistant
- Canadian Museum of Nature 2004 Summer Volunteer – botany and fisheries
- 2005 Ottawa Folk Festival
- 2001-2005 University of Windsor Residence Judicial Board.

## **SKILLS**

### **Computer Science**

#### *Experienced*

C# (2 years), C++/C (2 years), Java (2 years), Perl (5+ years), PHP (3+ years), XHTML/HTML (7+ years), CSS, SQL, Matlab (1 year)

#### *Basic Knowledge*

Javascript, Actionsript 3, bash/cshell, FTP, JDBC, Mivascript

#### *Tools*

Rhapsody, MKS, Telelogic DOORS, Clearcase

### **Film**

#### *Areas of Experience*

Director of Photography, Directing, Grip/Gaffer, Art Director, Art Assistant, Sound Mixer, Editing, Compositing

#### *Software*

Avid Media Composer, After Effects CS4, Final Cut, Premiere, Illustrator, 3D Studio Max, Photoshop, Flash

#### *Equipment Familiarity*

Sound Devices 702T Recorder, Sound Devices 302 Mixer, Arriflex 16 SR1/SR2 cameras, Sony F355 camera, Sony EX1, Light Meter

### **ACHIEVEMENTS**

- “Evasé” Top Ten in the screenplay competition at Fantastic Planet Film Fest. 2009
- Designed logo for Mary Grady Talent Agency in LA (2007)

- o Elected and re-elected (2004-2006) University of Windsor School of Computer Science undergraduate student representative
- o Featured on CBC radio (2005) – Undergraduate thesis analyzing motion of fish

## INTERESTS

Writing, Fencing (Ranked 125 nationwide in 2008), Illustration, Acting, Railroads

## NOTABLE FILMOGRAPHY

reel at <http://www.jointmeta.com/>

Imdb at <http://www.imdb.com/name/nm3508532/>

<u>FILM/POSITION</u>	<u>DATE</u>	<u>PRODUCTION COMPANY</u>	<u>AWARDS/SCREENINGS</u>
<b>Love Film</b> <i>Director/DP</i> Dramatic Short, HD	May 2010	Love Film Pictures	Waiting for festival responses. Follow at <a href="http://www.lovefilmmovie.com/">http://www.lovefilmmovie.com/</a>
<b>Behind the Scenes: 2<sup>nd</sup> Annual Brazilian Film Festival</b> <i>Editor/Sound Mixer</i> Short Documentary, HD	July 2009	Inffinito Festival Circuit	<b>Crystal Lens Award:</b> Brazilian Film Festival closing ceremony <b>Showcased:</b> Inffinito website
<b>Sundown</b> <i>Art Director</i> Dramatic Short, Super 16mm	May 2009	Vancouver Film School	
<b>Night Cap</b> <i>Director of Photography</i> Dramatic Short, HD	April 2009	Vancouver Film School	<b>Official Selection:</b> Orlando Film Festival 2009, Okanagan Film Festival 2010 <b>Awards:</b> Las Vegas Film Festival, Canada International Film Festival <b>Exemplary work:</b> used by VFS as an editing exercise
<b>Gone In A Flash</b> <i>Director of Photography</i> Dramatic Short, 16mm	March 2009	Vancouver Film School	
<b>Finding Alice</b> <i>Assistant Art</i> Dramatic Short, Super 16mm	January 2009	Vancouver Film School	<b>Winner:</b> Regina student film festival
<b>Roof of the World</b> <i>Producer/DP</i> Short Documentary, SD	September 2008	Vancouver Film School	
<b>To Which I Was Now</b> <i>Director</i> Dramatic Short, SD	July 2007	To Which I Was Now Pictures	<b>Top 10:</b> Moving Picture Magazine Short Film Competition <b>Screened</b> by magazine to short film corner at Cannes <b>Screened:</b> Digi60 Fest

**I Never Told Anyone**  
*Director of Photography*  
Dramatic Short

June 2007

Adam Bentley  
Films

**Best Film:** CLC  
Canada/TakingITGlobal Film  
Festival

**Screened:** Resolution 2008  
(SAW Video Film Festival)