

## SCOTT STEVENSON

### EMPLOYMENT HISTORY

#### **Electronic Arts**

*Associate Software Engineer*  
January 2011 – April 2011  
Burnaby, BC, Canada

- Worked with central audio technology team
- Contributed to complex tool used for the authoring of interactive audio systems
- Added features, fixed bugs and wrote unit tests

#### **Avalon Microelectronics**

*Customer IP Engineering Group Student*  
April 2010 – August 2010  
Mount Pearl, NL, Canada

- Performed optical networking hardware testing and design
- Re-designed and re-implemented OTN feature to be more efficient
- Wrote ~50 simulation tests in Verilog/Perl for requirements in OTN and SONET cores
- Tested OTN cores on an FPGA

#### **Electronic Arts**

*Associate Software Engineer*  
September 2009 – December 2009  
Burnaby, BC, Canada

- Worked with the *Need for Speed: World Online* team
- Focused on adding features to central design tool
- Fixed ~15 game bugs
- Wrote ~40 pages of developer documentation for a central tool

#### **National Research Council - Institute for Ocean Technology**

*Computer Systems Group Student*  
January 2009 – April 2009  
St. John's, NL, Canada

- Developed a network switch monitoring application using Python and MSSQL
- Wrote 20 pages of user and developer documentation for the application
- Gained experience using Linux and OpenVMS

#### **Wellhead Technologies**

*Contractor*  
March 2009  
Houston, Texas (Worked from home in St. John's)

- Developed a Python script to convert Log ASCII Standard files to Excel format
- Designed toolbar icons and logo for prototype drill logging software

#### **National Research Council - Institute for Ocean Technology**

*Computer Systems Group Student*  
April 2008 – August 2008  
St. John's, NL, Canada

- Performed network administration tasks such as server maintenance, support, security monitoring and scripting
- Gained a better understanding of networks and computer security

#### **Earth Information Technologies (NL)**

*Contractor*  
July 2006  
St. John's, NL, Canada

- Integrated a discussion forum into SmartBay.ca

### SKILLS

#### **Software Development**

- Languages: C++, Java, C#, Python, Objective-C, MATLAB, PHP, x86 Assembly, Max/MSP
- Embedded development
- Databases: MySQL, MSSQL and XML-based systems
- Experienced in debugging and profiling
- Mindful of documentation and coding standards

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## Hardware Development

- Digital hardware implementation using VHDL and Verilog
- Digital hardware verification and validation
- Analog circuit design, analysis and prototyping
- Circuit simulation software NI Multisim and PSpice
- Microcontroller interfacing

## General

- Document design: Microsoft Word, Openoffice.org and LaTeX
- Analysis: Excel, MATLAB and Minitab
- Graphic design: Adobe Photoshop and Adobe Illustrator
- Comfortable using Windows, Mac OS and Linux
- Experienced in public speaking and presentations

## EDUCATION

### Memorial University of Newfoundland

*Bachelor of Engineering (Computer)*

2006 – Present

St. John's, NL, Canada

- 3.4 GPA
- Currently completing term 7 of co-op program
- Expected graduation: Spring 2012

### Gonzaga High School

2003 – 2006

St. John's, NL, Canada

- Honors throughout
- Completed 3 Advanced Placement courses

## ACHIEVEMENTS

- Recipient of NSERC undergraduate research award (2010)
- Lead programmer on team that placed 1<sup>st</sup> provincially and 5<sup>th</sup> internationally in MATE's underwater robotics competition (2006)
- Member of team that placed 1<sup>st</sup> internationally in MATE's underwater robotics competition (2005)

## EXTRACURRICULAR ACTIVITIES

- Strong focus on independent work including games, websites and electronics projects
- IEEE student branch vice-chair (2010-Present)
- Volunteer at Global Game Jam Vancouver (2011)
- Participant in IEEEExtreme Programming Competition (2010)
- Software and hardware developer on autonomous sailboat team – munsailbot.com (2010-Present)
- Development of audio effects (2009-Present)
- Composition and production of music (2006-Present)
- Member of Audio Engineering Society (2008-Present)
- Competed in provincial and national debating tournaments (2003-2006)
- Tutored other students in math (2003)

## INTERESTS

- Music production
- Graphic and web design
- Video games
- Playing guitar
- Biking