Bart Jedrocha

Software Engineer

<div style="color:green">━━━━</div> ## Education

2005–2009 **Bachelor of Engineering (Software)**, *McMaster University*, Hamilton.
Senior Capstone Project
Designed and implemented a 3D driving simulator by incorporating a self-developed physics engine, custom created 3D models, and self-developed AI on top of an existing commercial game engine.

2001–2004 **Diploma, Computer Engineering Technology**, *Humber College*, Etobicoke.
Detailed achievements
- Graduated with honours from a three year program that provided hands-on experience with software development, information technology, and electrical circuit design.
- Awarded Scholarship from Nortel Networks for academic excellence.
- Awarded the President's Letter for academic excellence three years in a row.

Selected Experience

2008–Present **Senior Software Developer**, *Fluid Media Inc.*, Hamilton.
Member of core team responsible for developing and maintaining the company's flagship product, the Fluid Media System - a social media platform targeted at small to medium communities that allows users to share and consume digital media as well as create and purchase personalized printed photobooks.

Highlights
- Developed a highly scalable media processing service for handling large volumes of image and video uploads, metadata extraction, and dynamic resizing. The service was written using various technologies including Node.js, Sinatra, Resque, and Magickly.
- Authored an Employee Workbook to help guide new junior developers and co-op students. The workbook includes information and guides about using various development tools, Git, and Ruby on Rails.
- Spearheaded the use of many new technologies currently being used by the development team.

2006–2008 **Geek Squad Technician**, *Best Buy*, Oakville.
Provided outstanding performance in a position that requires in-depth knowledge of computer hardware and software and ability to multi-task multiple repairs along with customer interaction.

2002–2004 **IT Support Technician**, *IT Services, Humber College*, Etobicoke.
Responsible for providing PC and networking support for Humber College students and staff.

Skills Summary

Workflow	Sublime Text 2; git; REPL(irb, pry); Issue Tracker(Bitbucket, Github); Group Chat(Campfire, Google Hangouts, Messages); Project Management(Basecamp, Trello)
Philosophies	Lean Operations; Agile Development; Test Driven Development; Pair Programming
Deployment	Capistrano; Chef
Testing	RSpec; qUnit
Languages	Ruby; C#(.NET Runtime); Objective-C; HTML/Haml; Javascript; CSS/SASS
Frameworks	Rails; Sinatra; Node.js; .NET MVC; jQuery; Backbone
Platforms	AWS; Linode; Heroku
Design	Photoshop, Pixelmator
Ideating	Balsamiq Mockups; Whiteboard; Pen & Paper

Interests

- Outdoors - organizes several group trips annually from backpacking in Killarney to canoeing in Algonquin Provincial Park
- Running - completed 2 half-marathons and the 30KM Around the Bay Road Race
- Amateur Chef