

DALYA GERSHTEIN

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Bachelor of
Honours Computer Science
Minor in Fine Arts
University of Waterloo

WORK EXPERIENCE

Crank Software

Software Developer

Sept 2013 - Dec 2013

Sept 2012 - Dec 2012

Created efficient algorithms for image manipulation tools to improve application render time by over 50%. Implemented a parser for PSD files to extract relevant information when importing PSD files into Storyboard. Worked on Storyboard tool that compares, differences and merges two or more Storyboard models automatically. Lead design R&D meetings for the development of a new RCP Storyboard application.

IBM

SWG - Jazz Software

Developer

Jan 2012 - April 2012

Dec 2012 - Feb 2013

Worked on the Jazz Software web UI, creating new features and enhancements. Worked on a scripted setup, to create and populate a sample database for testing on a local eclipse client. Refactored existing Jazz framework to include breadcrumbs for simpler navigation. Participated in a weekend Bug Blitz in order to meet release deadline.

Jonar Systems Inc

Web Developer

Graphic Designer

May 2011 - Aug 2011

Created company website including customizable user profiles. Created Flash animations about ERP Systems ("What is ERP?") and EDI software ("What is EDI?"), which are currently being shown by professors across the USA for education. Created PSD and AI mockups and translated them into working code. Designed conceptual interfaces for new software application.

The Ottawa Hospital

Database Analyst

May 2010 - Aug 2010

Created new MS Access database to merge data from existing Ottawa Hospital Nightingale and Oasis databases. Learned VBA to develop macros for optimization of data transfer between databases. Provided internal training on the system in the department.

PROJECTS

Outdo Workout

Simple Workout Tracker app for iOS and Android, created in Haxe - www.outdoworkout.com

Squiggle

Winner of best hack at WaterlooHack - www.squiggleworld.com

Loot Puzzle

Great Canadian Appathon game submission (48 hrs)

www.itunes.apple.com/us/app/loot-puzzle/id861362583?mt=8

Ray Tracer

Full C++ Raytracer in two weeks, receiving over 100% with Honorable Mention

www.dalyagershtein.com/css488.html

The Appleseed

Freelance website/graphic design project for a diner in Nova Scotia - www.theappleseed.ca

Sesameio

Web development and graphic design for a young startup - www.sesameio.com

EDUCATION

University of Waterloo

Sept 2009 - Present

Two-time Gennum Corporation Scholarship Award winner for excellence in the pursuit of education, as well as President's Entrance Scholarship for over 95% average.

RMIT, Australia

Feb 2013 - June 2013

Took Bachelor of Animation courses while studying abroad in Australia

Courses

Computer Graphics, Software Design and Implementation, Artificial Intelligence, Algorithms, Operating Systems, 2D/3D Animation, Human Computer Interaction, Databases

PERSONAL

Skills

Photoshop, Flash, Maya, Illustrator, Houdini, TVPaint

Java, C/C++, javascript, jQuery, Dojo, django, HTML/CSS, VIM, Eclipse, Unix, MacOS, Windows

Interests

Executive member of Waterloo volleyball club, Executive member of International Canadian Student Network, president of Acapella club, Orientation Week Head Leader and Cross Campus Coordinator, Grade 10 RCM Piano, Waterloo Jazz Band, snowboarding, 3D modelling, travelling, expert foosball player.