DENNIS IDELER

214 Pelham Rd, St. Catharines, ON L2S 1W9 • 289-697-1010 • di07ty@brocku.ca • www.dennisideler.com

---

EDUCATION

Bachelor of Science (B.Sc.), Computer Science (Honours & Co-op)
Concentration in Intelligent Systems
Brock University, St. Catharines, Ontario,   Sep 2007 - Present

Voorbereidend Wetenschappelijk Onderwijs (VWO), Natuur en Techniek
or *Pre-university Secondary Education,* Nature and Technology
Milton Peters College, St. Maarten, Netherlands Antilles,   Aug 2001 - Jun 2007

TECHNICAL SKILLS

Software Development:	C++, C, Java, Prolog, Linux Shell Scripting
(in order of proficiency)	Ruby, Python, LC-3 Assembler
Web Development:	HTML, CSS, JavaScript
Mobile Development:	Windows Phone 7
Source Control:	Git, Subversion (SVN), GitHub, Google Code
API's/Libraries:	OpenGL, jQuery
Technical Writing:	LaTeX, UML, MS Office
Business Collaboration Software:	MS SharePoint 2007/2010, Trac, phpBB3
Database:	SQL
Operating Systems:	GNU/Linux, MS Windows (XP/Vista/7)

EXPERIENCE

Free and Open Source Software Learning Centre   Sept - Dec 2011
Technical Writer for Freeseer project

- First Brock student to participate in the Undergraduate Capstone Open Source Projects (UCOSP) program. My case is being used to attract other students.
- Used agile and open source processes in a distributed development environment.
- Localized Freeseer to Dutch by translating the software interface and messages.
- Designed and built a home page for the project using HTML5 standards.
- Wrote a new simplified README with focus on readability and content.
- Wrote a Wikipedia article for Freeseer from a neutral perspective.
- Wrote comprehensive user and contributor documentation using Sphinx.
- Collaborated as a team player while posting and updating issues, communicating via IRC, mailing list, video conferencing, and blog posts.
- Frequently presented new ideas, suggestions, feedback, and constructive criticism to the team.

Ministry of Transportation of Ontario   May - Dec 2010
Systems Analyst (Co-op Student)   St. Catharines, Ontario

- Team member of the Business Support, Policy & Planning Unit. Responsible for assisting clients in the ministry with consultation, technical support, and software solutions.
- ...

Maestro Media Center   Sep 2009 - Apr 2010
Deputy Leader   St. Catharines, Ontario

- Demonstrated strong leadership skills as the deputy leader of a 7-person team for a 3rd year Software Engineering course at Brock University.

- Used agile software development methodologies to create a fully functional, cross-platform, media center. See code.google.com/p/brockbots
- Utilized strong communication and listening skills when dealing with the client (our professor) and teammates on a weekly basis via meetings and emails.
- Demonstrated the ability to work effectively in a team and set and achieve realistic goals by organizing, planning, and executing tasks and meeting deliverables on schedule.
- Maintained a positive attitude during minor project failures and encouraged teammates rather than discouraging them. For example, influenced teammates to use pair programming when they were having difficulty with some coding tasks, which resulted in quicker completion, more team communication, and an overall better understanding of the project for those involved.
- Received an outstanding peer review and successfully delivered a project on time with my team. Our team produced the highest graded project that year.

GenieKnows Inc.
Data Specialist (Co-op Student)

Jan - Apr 2009
Halifax, Nova Scotia

- Enhanced business data for results used to provide the search and mapping features of GenieKnows Local Search (now yellowee.com). Responsible for collection of data from various sources through Automated Data Collection.
- Daily duties included: identifying data requirements, researching data sources, automating the downloading and processing/formatting of data, evaluating data quality, writing technical documentation, logging bugs, and logging progress.
- Simulated user activity to overcome the "ghost town" effect shortly after user profiles and business reviews were introduced.
- Researched methods and implementations of specialized crawling and presented findings to R&D team. Utilized knowledge to develop specialized web crawlers for pages on the Surface Web and Deep Web.
- Collaborated in teams to present creative ideas during research meetings and company-wide brainstorming activities.

Antek: IT Solutions & Software
Computer Technician (Holiday Worker)

Jun - Sep 2008
Sint Maarten, Caribbean

- Utilized creative problem solving skills and an analytic approach to set up, diagnose, and repair computers, hardware, software, and networks.
- Assisted clients with friendly customer service and technical support.
- Quickly adapted to different work environments and situations when executing tasks at diverse organizations and working in a team or individually.

HONOURS AND AWARDS	**Dean's Honour List** *Brock University, Faculty of Mathematics and Science*	2011
	Best Elected Residence Action Council Member *Brock University, Quarry View Residence*	2008
	Government of Sint Maarten Study Financing Grant *Ministry of Education, Island of Saint Martin*	2007 - Present
COMPETITIONS	**ACM-ICPC East Central North America** *International Collegiate Programming Contest* *McMaster University, University of Windsor*	Oct 2008, 2009, 2010, 2011
	Great Canadian Appathon	Mar 2011

Team placed in top 25 of the national competition
University of Waterloo hub

Computer Science Games   Mar 2010, 2011
Team placed in top 10
Polytechnique de Montreal, Concordia University

GameBattles: Halo 2   Summer 2007
Team placed 1st in the Halo 2 4v4 online ladder
GameBattles.com

Mathematics A-lympiad Preliminaries   Mar 2006
Team placed 2nd in the regional qualifier
Milton Peters College, Sint Maarten

St. Maarten Science Fair   Apr 2005
Presented a solution to an enormous traffic congestion problem
Milton Peters College, Sint Maarten

EXTRA-CURRICULAR INVOLVEMENT

Volunteer at Computer Science Fair for CSEdWeek   Dec 2011
Computer Science Department, Brock University

Judge for Niagara Secondary Schools Programming Contest   May 2011
Computer Science Department, Brock University

Guest speaker at Co-op Student Panel Workshop   Oct 2010
Co-op Office, Brock University

President and Founder of Brock Chess Club   Jan - Apr 2010
Math Help Centre, Brock University

Brock CS Recruiter at Ontario Universities' Fair   Sep 2009
Metro Toronto Convention Centre, Toronto

Information Officer of Computer Science Club   Sep 2009 - Present
Brock Chapter of the ACM, Brock University (See brockcsc.ca)

Volunteer at Co-op Orientation   Sep 2009
Co-op Office, Brock University

Co-founder and Administrator of BrockBots   Mar 2009 - Sep 2010
Formerly a CS messageboard at www.brockbots.cosc.brocku.ca

Member of Computer Science Club   Sep 2007 - Present
Brock Chapter of the ACM, Brock University

Elected Residence Action Council Member   Sep 2007 - Apr 2008
Quarry View Residence, Brock University

ADDITIONAL

- Bilingual (English & Dutch)
- Comfortable being a de-facto team leader across disciplines
- Keen eye for detail and elegant user interface design