Dennis Ideler

CONTACT INFO

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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
(*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, Python,
(in order of proficiency)	Linux Shell Scripting, Ruby, 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, Markdown, reStructuredText
Business Collaboration Software:	MS SharePoint, IRC, Trac, phpBB3
Database:	SQL
Operating Systems:	GNU/Linux, MS Windows (XP/Vista/7)

EXPERIENCE

Free and Open Source Software Learning Centre   Sep - 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.
- Worked with supervisors, co-workers and consultants to architect, fabricate, and maintain a new ministry-wide Intranet which utilized SharePoint 2007.

- Responsible for updating the Major Applications Portfolio Strategy (MAPS) database. Interviewed several project managers in a timely fashion to extract information from 30+ projects. Project information is used for risk assessment.
- Refactored an embedded security request form that was used throughout the Ontario Public Sector to request new keycards. Improved performance and design, implemented new features, and fixed bugs. Wrote approximately 1000 lines of negative code by removing redundancies & using more concise constructs.
- Collaborated with business architects on the Training Management System project to produce class diagrams, system context diagrams, system use case models, an access control matrix, and a GUI design specification guide.

Maestro Media Center
Deputy Leader

Sep 2009 - Apr 2010
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 *Team placed in top 25 of the national competition* *University of Waterloo hub*	Mar 2011
	Computer Science Games *Team placed in top 10* *Polytechnique de Montreal, Concordia University*	Mar 2010, 2011
	Mathematics A-lympiad Preliminaries *Team placed 2nd in the regional qualifier* *Milton Peters College, Sint Maarten*	Mar 2006
	St. Maarten Science Fair *Presented a solution to an enormous traffic congestion problem* *Milton Peters College, Sint Maarten*	Apr 2005
EXTRA-CURRICULAR INVOLVEMENT	**Judge for Niagara Secondary Schools Programming Contest** *Computer Science Department, Brock University*	May '11 - '12
	Volunteer at Computer Science Fair for CSEdWeek *Computer Science Department, Brock University*	Dec 2011
	Guest speaker at Co-op Student Panel Workshop *Co-op Office, Brock University*	Oct 2010
	President and Founder of Brock Chess Club *Math Help Centre, Brock University*	Jan - Apr 2010
	Brock CS Recruiter at Ontario Universities' Fair *Metro Toronto Convention Centre, Toronto*	Sep 2009
	Executive of Brock Computer Science Club *Brock Chapter of the ACM, Brock University (See brockcsc.ca)*	Sep 2009 - Present
	Co-founder and Administrator of BrockBots *Formerly a CS messageboard at www.brockbots.cosc.brocku.ca*	Mar 2009 - Sep 2010
	Elected Residence Action Council Member *Quarry View Residence, Brock University*	Sep 2007 - Apr 2008