Daniel Snider

Neue Bahnhofstraße 29,
10245 Berlin, Germany

Phone: 01 (578) 711 9636
E-mail: danielsnider12@gmail.com

Objective	To use computer vision to create the best products possible

Highlights

- IBM work experience (16 months)
- Google Summer of Code student work program
- Researcher for the University of Ontario Institute of Technology

Work Experience

May 2010 – August 2011

Data Warehouse Specialist, IBM
- Consulted for IBM business partners for how to use IBM data warehouse products such as InfoSphere Warehouse and Netezza
- Presented multiday educational boot-camps about database and data warehouse technologies and IBM products
- Provided cloud VM infrastructure for the team's projects using VMware ESXi. Started as an unrequested side-project
- Lead developer of InfoSphere nanoCluster: three Linux machines are automated to showcase IBM software. Started as an unrequested side-project

January 2010 – April 2010

Web Researcher, University of Ontario Institute of Technology, Part-Time
- Mapping friend topology in large online social networks
- Responsible for building a web crawling tool to collect topology information
- Programming with python to design a solution with efficient path selection, parallel data collection, and organized data storage

May 2009 – August 2009

Open Source Developer, OpenSWAN Linux VPN, Xelerance Corporation, Google Summer of Code Student
- Developed a client and server test bed to serve as a VPN diagnostic for users
- Gained proficiency with Linux, Bash, Python, scripting, IPsec, TCP/IP, HTTP
- Recognized on Student Achievement wall at UOIT for accomplishments

January 2009 – April 2009

Computer Networking Lab Assistant, University of Ontario Inst. of Technology
- Responsible for invigilating the Cisco networking lab during open lab hours

Professional Certification

August 2010

IBM Certified Database Associate (DB2 9 Fundamentals)

August 2009

Cisco Certified Network Associate (CCNA)
- Passed exams with 92% score

Technical Skills

Programming	Networking	Software	IBM Business Analytics
C/C++ (3 years)	TCP/IP (4 years)	VMware ESXi	DB2 Database
Python (2 years)	IPSEC, Quality of Service	BASH, VIM	InfoSphere Warehouse
Shell (2 years)	Routing and Switching	GIT version control	Cognos
Java, Perl	**Operating Systems**	Wireshark	Netezza
Algorithms and	Linux (3 years)	Microsoft Office	ETL
Data Structures	Windows	**Web**: HTML, PHP, AJAX	Cubing
	Unix/Solaris	Javascript, XML, Apache	Data Mining, Text Analytics

Daniel Snider

Neue Bahnhofstraße 29,
10245 Berlin, Germany

Phone: 01 (578) 711 9636
E-mail: danielsnider12@gmail.com

Education

Bachelor of Information Technology, Sept 2008 – May 2013
o University of Ontario Institute of Technology (UOIT), Oshawa Ontario Canada
o Focus of degree: computer programming, networking, and security
o Dean's List, 3.92 GPA / A / 90% grade average in most recent semester
o Awarded Entrance Scholarship
International exchange student at Free University Berlin, Summer 2012
o Classes studied: Computer Vision, Digital Video, Telematics Software Project, German (Level A1.2)
o Video recording assistant at ACM Conference on Distributed Event-Based Systems

Sir Robert Borden High School, Ottawa, Ontario, 84% graduating average

Workplace Skills

- Resourceful
- Team player
- Excellent verbal and written communicator
- Strong problem solver

Volunteer Experience

March 2012	• **Discussion leader** of the IT security research paper reading group at UOIT
Sept 2009 – 2012	• **President** of the IT club at UOIT
March 2012	• **Event organizer** of the student video game LAN at UOIT
Summer 2009	• **Participant** of the Information and Communication Technology Standards Advisory Council of Canada's Task Force discussions on IPv6
March 2009	• **Presenter** at Toronto's HackLab on the cloud-centric Internet
August 2009	• **Installer** of Ubuntu server in Sir Robert Borden H.S. computer lab

Major School Projects

December 2011	• **Object oriented** Python implementation of RSA and El-Gamal encryption and decryption and Diffie-Hellman key exchange.
December 2009	• **Bubble sort** written in 8088 architecture assembly language
December 2009	• **Decrypted Vigenère encryption** without a computer or knowledge of the key
December 2009	• **Implemented large network** using Cisco equipment and advanced routing protocols
Sept – Dec 2008	• **Android** operating system's strategic advantages 3000 word written report

Interests

- **Software projects**: I have tinkered with Facebook's API and the OpenCV computer vision library.
- **Traveling**: I have visited Beijing, Jerusalem, and many more places
- **Music**: simply makes life more awesome
- **Video Games (a favorite past time)**: placed top 10 in tournaments
- **All things innovative**

References Available Upon Request - Willing to Consider Relocation Globally