

J O D I S P A C E K

DEVELOPER

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Skill	Years Used	Last Used
Scala	1	2016
Java on Linux/Windows	8	2015
Oracle, SQL Server, MySQL	9	2016
C, C++, Python, PHP	2	2015
Continuous Integration (Git, Mercurial, Subversion)	8	2016
Networking (TCP/IP, RESTful/SOAP web services)	4	2016
ORMs (Hibernate, JPA)	5	2013
Agile (TDD, Scrum, XP, Unit Testing)	8	2016

EMPLOYMENT

2015-16: Software Developer Hootsuite, Vancouver, BC

- Design and build internal social network APIs connecting to YouTube and Facebook
- Lead a learning guild to help train fellow engineers in Distributed Systems and networking using topical experiments with Raspberry Pis

2013-14: Undergraduate Teaching Assistant and Lab Manager UBC, Vancouver, BC

- Teach circuitry labs as an introduction to fundamental Computer Science concepts for students coming from various disciplines in CPSC 121 Models of Computation
- Train fellow Teaching Assistants by preparing and troubleshooting labs
- Discuss and resolve instructional and interpersonal issues in weekly meetings

2009-13: Programmer/Analyst (Java & Oracle) UBC IT, Vancouver, BC

- Design and implement a student loan repayment system, working with major stakeholders to migrate from an external, manual payment process
- Revise architecture as part of the UBC Systems Renewal project in order to upgrade a legacy system that handles all of UBC's financial records and student data

EMPLOYMENT

2009: Developer (Java & Oracle) Central 1 Credit Union, Vancouver, BC
2008: Database Developer (PHP & MySQL) GFC, Vancouver, BC
2005-07: Software Engineer (Java) Elasticpath, Vancouver, BC
2002-05: Developer (.Net) University of Victoria, Victoria, BC
2001: Developer (Java) Skillsoft, Victoria, BC

PROJECTS

2014: Networking/Systems Student Researcher UBC, Vancouver, BC
Network, Systems, and Security Lab (NSS)
bitbucket.org/bestchai/shivector

- Contribute a Python version of ShiVector, a tool that instruments distributed logs with partial ordering information as a Directed Studies student under Dr. Ivan Beschastnikh

2014: Computer Music Student Researcher UBC, Vancouver, BC
bitbucket.org/jspacek/intelligentcomposer

- Build a self-generating melodic composer in C++ based on statistical calculations and music counterpoint theory that communicates with performers using networking techniques under the direction of Dr. Keith Hamel

EDUCATION

2018: Masters of Science in CS University of British Columbia, Vancouver, BC
2014: Bachelor of Computer Science University of British Columbia, Vancouver, BC
2001: Post-graduate Diploma in IT (with Distinction) ITI, Vancouver, BC
2001: Bachelor of Music (with Distinction) Mount Allison University, Sackville, NB

INTERESTS

2012-2016: UBC Tri-mentoring Program, Senior Industry/Academic Mentor
2015: Hour of Code, Volunteer, Presenter Hootsuite, Vancouver, BC
2014: GirlSmarts, Volunteer Activity Facilitator UBC, Vancouver, BC
2011-13: Laptop Orchestra Ensemble composer/performer UBC, Vancouver, BC