

J O D I S P A C E K

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PROJECTS

2016 - current: Master's Student Researcher, UBC <https://github.com/fbanados/sessions>

- Contribute to a project that helps Go developers prevent bugs and reduce errors in their code using Multi-party Asynchronous Session Types and Global Escapes
- Instrument Go code with dynamic Session Type checking by facilitating the insertion of dynamic checks at critical communication points
- Generate method stubs for each type of interaction between channels, allowing the Go developer to type check interactions in the system

2014: Undergraduate Student Researcher, UBC bitbucket.org/bestchai/shivector

- Develop 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 bitbucket.org/jspacek/intelligentcomposer

- Build a self-generating melodic composer in C++ based on statistical calculations and music counterpoint theory using networking techniques studying with Dr. Keith Hamel

VOLUNTEER

2015: Code.org's Hour of Code, Mentor, Presenter, Hootsuite, Vancouver, BC

2015: UBC Tri-mentoring, Industry Mentor UBC, Vancouver, BC

2014: GirlSmarts, Volunteer Activity Facilitator UBC, Vancouver, BC

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: Bachelor of Music (with First Class Honours) Mount Allison University, Sackville, NB

EMPLOYMENT

2015: Software Engineer Hootsuite, Vancouver, BC

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

2009-13: Programmer/Analyst UBC Student Systems, Vancouver, BC

2005-2008: Software Engineer Elasticpath, Vancouver, BC