

J O D I S P A C E K

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RESEARCH

2018: CGS-M NSERC National Research Grant, UBC

- Covert channels in Tor for censorship resistance systems

2017: MITACS Globalink Internship Award, INRIA, Rennes, France

- Mentorship with Dr. David Bromberg and François Taïani in the ASAP group studying decentralization, peer-to-peer networking, and unstructured overlays.

2016 - 2018: Master's Student Researcher, UBC

- Work on a team to implement machine learning on the blockchain
<https://github.com/jspacek/blockml>
- Multi-party Asynchronous Session Types and Global Escapes
<https://github.com/JoeyEremondi/GoSesh>

2014: Undergraduate Student Researcher, UBC

<https://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

<https://github.com/jspacek/intelligentcomposer>

- 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