**The Schaub** 314 Pie St.

Nanaimo, BC

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contacttheschaub@gmail.com

123-456-7890

**Purpose:** To move and raise my young family in the Secret Town and gain employment in SD #?? as a teacher, after the completion of my current contract (June 2019), in a collaborative community where I can share my commitment to life-long and life-wide learning with my students, recognizing my place as a respectful, reliable, responsible, and reflective role-model.

**Education**

Jan. 2017 – Dec. 2017 Simon Fraser University (SFU), Burnaby BC

B. Ed. – Minor: Secondary Mathematics Education

Jan. 2013 – Dec. 2014 Laurentian University (LU), Sudbury Ont.

M.Sc. Geophysics (Geology)

Sept. 2007 – May 2011 University of British Columbia (UBC), Vancouver BC

Honours B.Sc. (Physics)

Sept. 2004 - Aug. 2007 Thompson Rivers University (TRU), Kamloops BC &

Okanagan University College (OUC), Salmon Arm BC

1st - 3rd Year Physics Major

**Work Experience**

Sept. 2019 – June 2021 School, Town – Math 8/9, Crim 12, Sci 9, FOM 11, Phys 11/12 & WP 11

Sept. 2018 – June 2019 School, Town – Math/Sci 8 & WP 10

Jan. 2018 – June 2018 School, Town – Science 10 & WP 10

Jan. 2018 – June 2018 TTOC SD #?? Town – Various Grades and Courses

Sept. 2017 – Nov. 2017 School, Town – Long Practicum

Feb. 2017 – April 2017 School, Town – Short Practicum

Jan. 2015 – Oct. 2017 Abitibi Geophysics Geophysics Programmer/Inversion Specialist

Jan. 2013 – Dec. 2014 Laurentian U. Teachers Assistant (Geology / Geophysics)

Jan. 2007 – Dec. 2013 TRIUMF Vacuum, Cryogenics, and Accelerator Divisions

May 2009 – Dec. 2009 Bruker Biospin Wire Development Group (Switzerland)

**Extra-Curricular / Volunteer Experience / Clubs**

* Teacher sponsor GSA at School & SAGA at School
* Created and coached after school weightlifting club at School
* Grade 8-12 track and field & school dance at Sir School
* Volunteered with youth at Dream Camp and Challenge Day
* Dynamic Earth, Sudbury Mineopoly – High/middle school outreach for mining education
* Paddle with InspireHealth Kayak Guide – Vancouver – Fundraiser for Cancer Research
* Society for Exploration Geophysics (SEG) Student Chapter President (LU) – Sudbury
* Physics Society (PHYSOC) Graduate Representative (UBC)
* Mentoring 4th year honours geology/geophysics projects (LU)

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**Professional Development**

* Conferences and workshops include project based mathematics, project based learning, science inquiry, smarter science, Indigenous fauna, problem based learning; an ideal approach for BC’s new curriculum, science myth busters, oceans network, stream keepers, and Controlling the Chaos: behavioral management
* Completed coursework in SpEd, AbEd, Teaching Science & Teaching Mathematics

**Awards / Achievements / Hobbies**

* Arthur Crooker Prize – Senior honours physics student showing the most experimental aptitude as chosen by the UBC physics department (2010)
* Kayaked from Vancouver, BC, Canada – Juneau, Alaska, USA (Summer 2011)
* CBC interview pertaining to M.Sc. research <http://www.cbc.ca/player/play/2645276277>
* Weightlifting, powerlifting, CrossFit, hockey, camping, kayaking, sailing, fishing

**Relevant Skills & Experience**

**Physics / Geophysics / Mathematics**

* Strong theoretical and practical knowledge in physics, geophysics and mathematics
* Worked on development and construction of Electron Accelerator at TRIUMF
* Partook in a development of world’s first superconducting 30 Tesla NMR magnet
* Trained, supervised, and lead chemical etching laboratory at TRIUMF
* Developed, executed, analyzed, and presented the results from an experiment to take magnetic measurements from stressed/strained core (rock) samples at Laurentian University (LU)
* Worked on optimization of subsurface geophysical inversions at Abitibi Geophysics
* Conducted geophysical surveys both on surface and in mines (LU)
* Well-developed data analysis, management, interpretation, and presentation skills
* Excellent research, critical thinking, analytical, problem solving, information and data management skills.

**Computer Coding, Support, and Software**

* Extensive understanding of computers, computer software, and networking
* Strong computer coding skills in multiple languages: C#, Matlab, FORTRAN, GX, VB, Java
* Worked as computer programmer for Abitibi Geophysics
* Completed significant software development during my M.Sc. research
* Developed laser ablation imaging software for Laurentian University geology students

**Communication / Examples of Research Publications**

* Working proficient in English, French (Lived in Northern Quebec for two years) and German
* Schaub, C., & Smith, R. (2014). Determining the feasibility of a real time geophysical magnetic and electric measurement system for monitoring strain underground-laboratory magnetic test. In Marty Hudyma and Yves Potvin (Ed.), Deep Mining 2014 (pp. 443-456). Perth: Australian Center for Geomechanics
* M.Sc. Thesis: Determining the feasibility of a real-time electric and magnetic measurement system for monitoring strain underground <https://zone.biblio.laurentian.ca/dspace/handle/10219/2324>