

VINCENT QUENNEVILLE-BÉLAIR

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EXPERIENCE

- Applied Scientist at Amazon.** New York, NY. 2017-Now
Build advertising impact measurement and portfolio optimization technologies.
- Chu Assistant Professor of Applied Mathematics.** Columbia University. 2015-2017
Conduct research in numerical analysis, scientific computation, and finite element methods, with applications to physics and wave propagation.
- Chief Data Scientist at Vizanda.** New York, NY. 2016-2017
Develop web-based software to automatically learn from generic user input data and offer relevant visualizations and intelligent insights on the fly.
- Graduate Research and Teaching Assistant.** University of Minnesota. 2008-2015
Create and analyze novel finite element methods for gravitational wave propagation, and implement in parallel on a scientific supercomputing cluster.
- Intern at Schlumberger-Doll Research Center.** Cambridge, MA. 2011
Develop Fortran software for simulating forward elastic scattering in 3D based on frequency domain finite difference methods.
- Technologies.** Python, Scikit-Learn, SQL, Fortran, C, Linux.

EDUCATION

- PhD Applied Mathematics.** University of Minnesota.
NSERC Alexander Graham Bell Canada Graduate Scholarship
University of Minnesota Doctoral Dissertation Fellowship
- MCS Computer Science.** University of Minnesota.
- MSc Applied Mathematics.** University of Minnesota.
FQRNT Research Scholarship
- BSc Mathematics and Physics.** McGill University, Canada.
Twice Meritorious Winner in Mathematical Contest in Modeling
First Class Honors

LEADERSHIP

Mentored over 20 teams of undergraduates for the Mathematical Contest in Modeling
Founded the SIAM Student Chapter at the University of Minnesota
Founded the McGill Undergraduate Mathematics Magazine