

Patrice Béchard

STUDENT · B.Sc. PHYSICS

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Education

Université de Montréal

B.S. IN PHYSICS

- Dean's list student. 4.0/4.3 GPA.

Montreal, Qc, Canada

Sep. 2014 - PRESENT

CEGEP de l'Outaouais

DSC IN NATURAL SCIENCES

Gatineau, Qc, Canada

Aug. 2012 - May 2014

Experience

Université de Montréal

TEACHING ASSISTANT

- TA for the special relativity course (PHY1652).
- Helped undergraduate students with their homework and exercises.

Montréal, Qc, Canada

Jan. 2017 - Apr. 2017

Astrophysics Research Center of Quebec

RESEARCH ASSISTANT

- Worked under the supervision of Prof. Pierre Bergeron.
- Received an Undergraduate Student Research Award (USRA) from the NSERC for excellent academic record.
- Made a statically unbiased census of white dwarf stars within a radius of 40pc of the Sun and analyzed their physical proprieties.
- Had multiple telescopic observation nights at the Mont-Mégantic Observatory (OMM).

Montréal, Qc, Canada

May 2016 - Aug. 2016

Arbraska Lafèche

GUIDE

- Was responsible for the security of the customers in the park.
- Had to entertain and deal with the customer directly to make sure his experience was satisfying.

Val-des-Monts, Qc, Canada

June 2014 - Aug. 2014

Café Soup'Herbe

CHEF DE LIGNE

- Had to cook and prepare various vegetarian dishes.
- Had to keep the freezer and the workstations clean and organized.

Chelsea, Qc, Canada

June 2013 - Oct. 2013

Honors & Awards

2016

Recipient, Undergraduate Student Research Award (USRA) from the NSERC for excellent academic record

Montréal, Qc, Canada

Other Important Information

- Native language is french. Full professional proficiency in english. Limited proficiency in spanish.
- Participated in various mathematics, computer science and physics contests, such as the 2011 Michael Smith Challenge (UBC), the American Mathematics Contest 12, the 2014 Canadian Association of Physicists and the 2017 Google Code Jam.
- Knowledge of source control (Git) and UNIX/LINUX/MAC environments.
- Knowledge of various programming languages (Python, MatLab, C, C++, Fortran77).
- Knowledge in machine learning and Tensorflow
- Volunteer in various events organized by the student association of physics of the Université de Montréal (PHYSUM) as well as the student association federation of the Université de Montréal (FAÉCUM).