Patrice **Béchard**

Student · B.Sc. Physics

31, rue Limbour, Gatineau, QC, J8V 1X8, CANADA

(819) 209-4623 | bechardpatrice@gmail.com | patricebechard.github.io | patricebechard | patricebechard

Education

Université de Montréal
Montréal, Qc, Canada
B.S. in Physics
Sep. 2014 - Apr. 2017
- Dean's list student. 4.0/4.3 GPA.

CEGEP de l'Outaouais
Gatineau, Qc, Canada
DSC in natural sciences
Aug. 2012 - May 2014

Experience

Université de Montréal
Montréal, Qc, Canada
Teaching assistant
Jan. 2017 - Apr. 2017
- TA for the special relativity course (PHY1652).
- Helped undergraduate students with their homework and exercices.

Astrophysics Research Center of Quebec
Montréal, Qc, Canada
Research assistant
May 2016 - Aug. 2016
- 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).

Arbraska Laflèche
Val-des-Monts, Qc, Canada
Guide
June 2014 - Aug. 2014
- 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.

Café Soup'Herbe
Chelsea, Qc, Canada
Line Cook
June 2013 - Oct. 2013
- Had to cook and prepare various vegetarian dishes.
- Had to keep the freezer and the workstations clean and organized.

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).