

# Brad Guanqiao Huang

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**Feb 4, 2018**

Recruiting Manager

RBC Financial Group

155 Wellington St. W, Toronto, ON M5V 3K7

## **Dear Recruiting Manager:**

I am writing to express my interest in the position at RBC Financial Group. Having had the pleasure to research your company, to review the job requirements, and to talk to the company representatives like James Dow, the VP of Global Engineering, and Jia Ying Lin, a Student Ambassador of RBC, I am very enthusiastic about the position advertised. I believe that my combination of Object-Oriented design expertise, web developing experience, and communication skills would serve RBC well in this position.

I am a hands-on Software Developer with more than three years of application design and development experience. Having participated in various projects in Java allowed me to develop a profound understanding of Object-Oriented Programming concepts as well as the agile development methodology. Most recently, I led a team of four to develop a Tetris game with 1P, 2P, human vs. computer and online modes with an automated game-playing algorithm. In the previous cycles of development, I worked with heuristic evaluation, client-end and server-end networking, multithreading, UI design and implementation, and white-box testing; as Team Lead, I successfully oversaw every stage from the initial design to the deployment. In the current cycle, I am looking for ways to improve the game-playing algorithm by incorporating machine learning with Python and TensorFlow.

In addition to my desktop developing expertise, I am also experienced in web development. Designing websites and developing easy-to-use back-end content update systems not only exposed me to various technologies such as HTML5, PHP, and CSS, but also taught me how to deliver clean and efficient code even under time or resource constraints, and to meet my clients' needs.

Technical skills aside, I have effective communication skills developed through my four years of volunteer experience. While at the David Dunlap Observatory, the home of the largest telescope of Canada, I guided visitors to enjoy the wonders of the night sky with my tours and presentations, which constantly receive stellar reviews. As a tutor at the Learning Disabilities Association of York Region, I passed on my academic and interpersonal skills to 5<sup>th</sup> graders with learning challenges and consulted their parents – my clients – to understand and deliver on their needs. My ability to effectively communicate with my colleagues, supervisors, and clients was critical to my success in these positions, as it will help me succeed in this one.

I truly appreciate RBC's innovative and dynamic culture, and I believe that I will bring value to this company with my expertise and communication skills. I hope I get the opportunity to further enhance my software development skills while expanding my knowledge in the finance industry. Thank you for taking your time to consider my application. I look forward to speaking with you in the near future.

**Sincerely,**

**Brad Huang**