

Brian Bi
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Skills

- Extensive experience with design and implementation of efficient algorithms and data structures
- Proficient with C, C++, PHP, JavaScript
- Proficient with Linux and GNU
- Familiar with Haskell, Python, x86 assembly, LaTeX

Experience

May 2012 to Aug. 2012	Facebook, Inc. – Software Engineering Intern My Apps page (facebook.com/appcenter/my). Developing a better understanding of JavaScript, HTML, and CSS.
Apr. 2011 to Aug. 2011	Facebook, Inc. – Software Engineering Intern Adding features to the Platform and Ads APIs, working mostly in PHP and C++. Did some work with Apache Hive. Learned to use Git.
2008 to present	Server administrator Maintaining HTTP, mail, and DNS servers at wcipeg.com , as well as various backend services for an interactive website that allows users to develop their problem solving abilities in algorithms.
Oct. 2009 to May 2010	Programming Enrichment Group – Student leader Teaching algorithms, including dynamic programming, computational geometry, and graph theory, to curious students at my high school.
Sept. 2009 to June 2010	Woburn C. I. – Teaching Assistant Assisting with teaching, grading, and review in a grade 12 chemistry class.

Education

Sept. 2011 to present	Candidate for Bachelor of Science (with chemistry and physics majors) at the University of Toronto <i>(transferred from Waterloo)</i>
Sept. 2010 to Apr. 2011	Candidate for Bachelor of Mathematics (Computer Science) at the University of Waterloo

Achievements

- 12th place team (University of Waterloo), 2011 ACM-ICPC World Finals
- 93rd percentile, 2010 William Lowell Putnam Mathematical Competition
- Silver medal, 2010 International Olympiad in Informatics (63rd place)
- Silver medal, 2009 International Olympiad in Informatics (79th place)
- Silver medal, 2010 International Chemistry Olympiad (66th place)
- National winner, Chemical Institute of Canada Essay Competition for high school students
- Red-rated TopCoder member (handle **bbi5291**; rating 2281; 97th percentile)

Interests

- Linguistics
- Philosophy
- Ethics

References

Supplied upon request

*A copy of this document, or an updated version, can be found at
http://wcipeg.com/etc/brian/current_resume.pdf*