

# Andrew Au

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Honours Computer Science, 2B  
20581562

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AuAndrew.me

## HIGHLIGHTS OF QUALIFICATIONS

- ❖ Programming languages learned: Bash, C, C++, DrRacket, Java, Python, Turing, ColdFusion, PHP, Perl, Batch
  - Learned Java from two years of high school computer science courses, Python from University of Toronto, and C and DrRacket at University of Waterloo
- ❖ Capable of using LaTeX to create documents and HTML and CSS to create websites
- ❖ Computer maintenance and repair
  - Built and debugged personal computers
- ❖ Capable of working in a team
- ❖ Can speak: Cantonese, French, Mandarin, and basic German

## EDUCATION

- ❖ University of Waterloo
  - Candidate for Bachelors of Computer Science, Co-op
  - Relevant Courses: Designing Functional Programs, Elementary Algorithm Design and Data Abstraction, and Object Oriented Programming
  - September 2014 - current
- ❖ Université Laval
  - French
    - Improved French communication skills
  - July 2014 - August 2014
- ❖ North Toronto CI
  - Obtained OSSD in June 2014
  - Related work: Coded two games in Java and Processing in Grade 11 and 12 for Intro to Computer Science and Computer Science

## WORK HISTORY

- ❖ Public Works and Government Services of Canada (September 2015 - December 2015)
  - Web Developer
  - Created a web accessible copy of the Public Accounts of Canada 2015
  - Programmed and maintained HTML, ColdFusion, PHP, and Perl scripts
  - Communicated effectively with clients to update web pages and applications
  - Quality checked colleagues' code and programs

## WORK HISTORY

- ❖ Division of Anatomy, Faculty of Medicine, University of Toronto (October 2012 - June 2013)
  - Research Assistant
  - Dissected cadavers and taught a lesson on the human heart with colleagues and supervisors
  - Completed tasks efficiently and thoroughly in teams and alone

## LANGUAGES

- ❖ French
  - Studied at Alliance Francaise and Université Laval
- ❖ Cantonese
- ❖ Mandarin
- ❖ Basic German
  - Studied at University of Waterloo

## COMMUNITY ACTIVITIES AND INTERESTS

- ❖ Canadian Computing Competition (2012, 2013, 2014)
  - Placed in the top 3% in 2012
- ❖ University of Waterloo Math Competitions (2011, 2012, 2013, 2014)
  - Placed in top 25%
- ❖ Head and instructor of NTCI Computer Science Club and Math Club
- ❖ Epilepsy Buskerfest Volunteer (August 2011)
  - Information tent volunteer ( August 2011 - 2012) - Responsibilities included answering attendees' questions, informing attendees on Epilepsy, supervising lost children, and paper work for donations and lost items
  - A-team Volunteer (August 2013) - Responsibilities included transporting large quantities of goods and necessities to stations (such as cases of water/juice and food), substituting at stations that lack volunteers, asking for donations, and finding/supervising lost children
- ❖ Downtown Toronto Summer Strings Volunteer (July 2011 - July 2013)
  - Staff-aide - Responsibilities included tuning instruments, mentoring students, teaching sectionals and chamber groups (3 to 10 students), providing private lessons, supervising campers, set-up, and clean up