

Alain Lou

Education:

University of Toronto Schools

2014-Present

- 96 % Average
- Top 25 % nationally for Fermat Math Contest, top 25 % nationally for Cayley Math Contest, top 20 % nationally for Avogadro Chemistry Contest
- Perfect score on the University of Waterloo's Beaver Computing Challenge
- Perfect score on the University of Waterloo's Junior Canadian Computing Competition
- Honor roll on the University of Waterloo's Senior Canadian Computing Competition (top 50)
- Representing the school at Educational Computing Organization of Ontario's 2017 provincial competition

Thomas Street Middle School

2011-2014

- 1st in school for Gauss math contest
- Part of the gold winning team in the National Canadian Scholastic Challenge
- Elected Master of Ceremonies at middle school graduation
- One of two winners for math excellency at graduation
- Winner of Live, Love and Laugh award (school spirit, the highest annual award)
- Musical excellence scholarship recipient

Experience:

Referee at the SHL, Parkdale Flames Hockey Association, and CCIHA

2016-Present

- Explained rules and guidelines to players and coaches
- Kept players safe and prevented confrontations
- Multitasked to make multiple calls on the same play

GridlockED

July 2016

- Worked with McMaster grad students and professors to create a board game to simulate patient flow in an emergency room department
- Product design and product testing

Personal Interest in Computers

2015-Present

- Running a webserver on a virtual machine, used when fiddling with Meteor.js or other web development
- JavaFX, Tesseract, and OpenCV projects (can be found here: <https://github.com/FertileBean>)
- Bug reporting for Ubuntu Linux bugs

- Upgraded various components of my laptop and learning to be a “superuser” with command line tools

Envision City – Outreach Director

2015-Present

- Secured a \$400 investment from the school’s alumni association for speakers’ sessions
- Secured another \$400 for designing and building a public accessory in a priority neighbourhood
- Facilitated a design contest for the grade 7 art class

Volunteering and other Extra-curriculars:

Canadian Music Centre – Volunteer

- Assisted at concerts
- Helped facilitate composer-performer “testing sessions”

AIM Mississauga – General Member

- Planned local events for youth such as coffee houses, basketball tournaments
- Part of focus group to gain sponsorship from Ontario’s Trillium Fund

Volunteer in MP Federal Election Office – Team Captain

- Cold called residents and canvassed to get constituency out to vote
- Worked closely with the MP herself to strategically campaign

Additional Credentials:

- Licensed Hockey Canada level 2 referee
- Proficient in Microsoft Office; Adobe Creative Suite (Photoshop, Illustrator, Audition); Python and Java programming languages
- Written a number of personal computer projects (see GitHub)
- AP Exams: Computer Science A – 5, Macroeconomics – 5, Microeconomics – 5
- Yip’s Music Festival scholarship recipient (Piano) and ARCT (performance level piano) diploma