

NICHOLAS XIE

nickx@hotmail.com
nick-xie.github.io

7 Forster Drive
Guelph, ON
519.831.5490

EDUCATION

University of Waterloo

Computer Science, BMath – Music Minor

- Advanced math courses: Linear algebra, calculus, analysis, discrete math
- Advanced computer science courses: Data structures, nodes and trees
- Music Theory, Music History, Violin

Waterloo, ON
Fall 2016-Ongoing

PROJECTS

Avaron, Web-Based party games

Dec 2016-Current

Django, AJAX, SQLite

- <https://github.com/nick-xie/avaron>, current live host linked in project MD file
- Webapp to distribute roles for players in a gameroom for popular deception games
- Set up basic request/response model viewer controller framework
- Implemented sessions so that players have unique views
- Incorporated AJAX form requests so that game lobby refreshes real time

Fartlek

Dec 2015-Jan 2015

Java, Android Studio, LibGDX

- <https://play.google.com/store/apps/details?id=com.nnldev.fartlek.android&hl=en>
- Collaboration with two high school classmates to develop endless runner game

WORK/VOLUNTEER EXPERIENCE

University of Guelph – Gryphvision Media Broadcasting

Guelph, ON

Switchboard Operator

Sept. 2013 – Aug. 2016

- Improved broadcast quality to win Guelph's first OUA 2015/16 Broadcast of the Year
- Professional level camera and audio system setup and cleanup with RealTek Tricaster software

Pan American Games

Toronto, ON

Track and Field Volunteer

Aug 2015

- Setup and organized field of play

SKILLS

Programming:

Python, Java, Racket, Visual Basic, Android Studio

Web Development:

Javascript, JQuery, HTML, CSS including Skeleton Boilerplate, SQL, Meteor

General Computer:

LaTeX, Word, Excel, Powerpoint

Media Editing:

Photoshop CS6, Sony Vegas 12.0 Pro, Final Cut Pro X, Colour Grading and
Correction https://www.youtube.com/channel/UCHzu7_kN6J6ZGxrdoA9kgjw

INTERESTS

Cross Country and Track and Field running

- Varsity athlete on University of Waterloo track and cross country team

Music/Violin

- Grade 9 RCM Violin Diploma, Honours
- Guelph Youth Symphony Orchestra Member 2013-2016 (Principal violinist for 2015/16 season)
- Suzuki String School of Guelph and Concorde String Ensemble Member
- Performance Ensemble of Canada Member 2015/16