

NICHOLAS XIE

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nick-xie.github.io

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Guelph, ON
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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
Currently Enrolled

PROJECTS

Web-Based party games

Django, AJAX

- <https://github.com/nick-xie/avaron>
- Set up basic request/response model viewer controller framework
- Implemented sessions so that players have unique views

Dec 2016-Current

Fartlek

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

Dec 2015-Jan 2015

WORK/VOLUNTEER EXPERIENCE

University of Guelph – Gryphvision Media Broadcasting

Switchboard Operator

- 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

Guelph, ON
Sept. 2013 – Aug. 2016

Pan American Games

Track and Field Volunteer

- Setup and organized field of play

Toronto, ON
Aug 2015

SKILLS

Programming: Python, Java, Racket, Visual Basic, Android Studio

Web Development: Javascript, HTML, CSS, SQL, Meteor

General Computer: 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