

Nicholas Xie

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SKILLS

WEB DEV

Fluent:

NodeJS • Angular • Django • Javascript
Hapi.js • HTML • CSS, Foundation,
Skeleton • MySQL, SQLite • JQuery

Experienced:

Meteor • MongoDB • Cordova • Sass

DEVOPS & TOOLS

Fluent:

Ansible • Vagrant • Git • JIRA • Scrum

Experienced:

Phabricator

GENERAL PROGRAMMING

Fluent:

Python • C++ • Java • Racket

Experienced:

C • \LaTeX • Bash • Vim • Android

MEDIA EDITING

Fluent:

Photoshop CS6 • Sony Vegas 12.0 Pro
Colour Grading and Correcting

Experienced:

Final Cut Pro X • Audio Editing

LINKS

Github:// github.com/nick-xie

LinkedIn:// [/in/nicholas-xie-351155147](https://in/nicholas-xie-351155147)

YouTube://

[/channel/UCazu7_kN6J6ZGxrdoA9kgjw](https://channel/UCazu7_kN6J6ZGxrdoA9kgjw)

EDUCATION

UNIVERSITY OF WATERLOO

BMATH-COMPUTER SCIENCE

MUSIC MINOR

Fall 2016 - Ongoing | Waterloo, ON

• Advanced math courses: Linear algebra, calculus, analysis, discrete math

• Advanced computer science courses: Data structures, Object Oriented Programming, Design

• Music Theory, Music History, Violin

EXPERIENCE

BONFIRE INTERACTIVE | SOFTWARE DEVELOPER INTERN

May 2017 – Aug 2017 | Kitchener, ON

- Solely revived and relaunched internal dashboard tool used daily in the resolution of support tickets
- Dashboard reduced the need for customer portal admin permissions in resolving tickets by 90%
- Complete UI/UX redesign and restructure using Sass and Foundation
- Worked extensively with Angular to build out new features with best practices kept in mind (factories, services, etc)
- Updated backend structure to allow multiple database environments using Hapi.js with Node
- Gained DevOps experience using Vagrant and Ansible to set up deployment as well as provisioning

UNIVERSITY OF GUELPH – MEDIA BROADCASTING |

SWITCHBOARD OPERATOR

Sep 2013 – Aug 2016 | Guelph, ON

- 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

PROJECTS

VM

Nov 2017 – Dec 2017 | C++

- Collaboration with classmate to create clone of vim
- Used ncurses library to create terminal GUI
- Implemented insert mode and command mode with select commands

AVARON, WEB-BASED PARTY GAMES

Dec 2016 – Current | Django, AJAX, SQL, Meteor, Angular

- Webapp to distribute roles for players in a gameroom for popular deception games. Currently live, link found in project readme
- 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 2016 | Java, Android Studio, LibGDX

- play.google.com/store/apps/details?id=com.nn1dev.fartlek.android&hl=en
- Collaboration with two high school classmates to develop endless runner game

INTERESTS

Cross Country and Track and Field running

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

Violin

- Guelph Youth Symphony Orchestra Member 2013-2016 (Principal violinist for 2015/16 season)
- Performance Ensemble of Canada Member 2015/16