

Nicholas Kwong

Summary of Qualifications

Languages: Python, JavaScript, C, Racket, HTML, CSS

Tools: jQuery, Foundation, PyGame, Echo Nest API, Edamam API

Strong communication skills from youth leader experience

Consistent at meeting strict deadlines through effective time management skills

Projects

Music by Mood – Waterloo Tech Retreat Hackathon **June 2015**

- Analyzed and sorted users' music library with EchoNest API
- Developed Python script to move files between directories
- Utilized TkInter to create a simple and responsive user interface

Recipe Finder **May 2015**

- Application that took ingredients and returned recipes that could be made
- Developed the initial UI with Kivy along with a team member
- Implemented Edamam API to obtain a list of all valid recipes

Python Knowledge Quiz

- Programmed a quiz with Python and Pygame that tests the user's knowledge of Python
- Implemented graphical and audio feedback to increase interactivity

Activities

First Robotics – Team 4001

- Developed state machines in LabVIEW for autonomous robot movement
- Collaborated with other programmers to ensure that all states were functional

Contact

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Education

University of Waterloo

2015 – 2020

Candidate for Bachelor of
Computer Science Honours Co-op

Recipient of President's Scholarship

Interests

Video Games

Running

Guitar

Volunteer Experience

Awana Day Camp Activity Leader

Scarborough Chinese Alliance
Church – Scarborough, ON

Youth Camp Leader

Quebec Chibougamau Short Term
Missions – Chibougamau, QC