
Nicholas Kwong

Summary of Qualifications

Languages: C++, C, Python, JavaScript, HTML5, CSS3, Racket

Tools: Node.js, MongoDB, Git, Foundation, Kivy, PyGame, LaTeX

Strong communication skills from daily customer interaction at Videostream

Consistent at meeting strict deadlines through effective time management skills

Experience

Support Software Specialist – Videostream May 2016 – Aug. 2016

- Implemented a feature which allowed users to easily modify their current subscriptions using Javascript, Stripe and Paypal APIs
- Developed multiple bug fixes according to customer feedback
- Introduced a splash screen advertising subscription benefits to users currently not subscribed
- Addressed various technical and financial concerns users had with the Videostream service in a timely manner

Programmer – FIRST Robotics , Team 4001 Sept. 2014 – June 2015

- Developed state machines in LabVIEW for autonomous robot movement
- Collaborated with other programmers to ensure that tasks were properly assigned

Projects

Music by Mood – Waterloo Tech Retreat Hackathon

- Analyzed and sorted user's music library with EchoNest API according to various song characteristics such as loudness and rhythm
- Developed Python script to create organized directories for songs
- Utilized Tkinter to create a clean and responsive user interface

Recipe Finder

- Used Python and Edamam API to return recipes according to user inputted ingredients
- Developed the initial UI with Kivy along with a team member

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 user interactivity

Personal Website

- Used Foundation, HTML, and CSS to host a personal website containing side projects and resume

Contact

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Education

University of Waterloo

2015 – 2020

Candidate for Bachelor of
Computer Science Honours Co-op

Awards

Recipient of President's Scholarship

2015 FIRST Robotics Industrial
Design Award

2015 FIRST Robotics Regional
Finalist