Nik Steel

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Objective: To assist a team of developers in creating high quality software

Qualities:
- Courteous and articulate
- Eager to learn, improve, and innovate
- High initiative, work ethic, and positivity

Education:

2013 to 2015 **University of Windsor School of Computer Science**
Bachelor of Computer Science (General) with Great Distinction

2012 to 2013 **Coventry University**
International Student Exchange to Coventry, UK

2009 to 2013 **University of Windsor School of Music**
Honours Bachelor of Music with Distinction

Work Experience:

Fall 2014 **Teacher's Assistant to Mr. David Mayo**
University of Windsor Windsor, Ontario
- Answered student questions clearly with effective examples
- Evaluated XHTML code and gave students useful feedback

Contact Mr. Mayo: D.Mayo@uwindsor.ca

Fall 2013 to 2015 **Teacher's Assistant to Dr. Janice Waldron**
University of Windsor Windsor, Ontario
- Precisely evaluated student writing for grammar and style
- Answered questions, promoting self-discovery, critical thinking, and confidence

Contact Dr. Waldron: jwaldron@uwindsor.ca

Skills:

Academic writing Dr. Waldron has been consistently appreciative of my attention to detail in evaluating student writing for spelling, grammar, and tone.

Public speaking I have a proven history speaking with small to medium-sized groups as a volunteer running events for my student club and at Hackforge.

Leadership I took the lead role in planning and running a series of twelve successful audio-themed events as the founder and president of a UWSA student club.

Constructive criticism I am comfortable offering constructive criticism with empathy while encouraging continued success in strong areas.

C	I implemented a command line operating system in C for a university course (https://github.com/NikSteel/GeekOS), and I modified the C source code for a custom keyboard that I use (https://github.com/NikSteel/ergodox-firmware).
C++	I implemented a genetic algorithm simulation of the iterated prisoners dilemma for an intro to artificial intelligence class using modern C++ (https://github.com/NikSteel/genetic-algorithm)
HTML / CSS	I was effective in assisting with XHTML 4.01 and CSS task as a TA. I am actively developing my skills with HTML5, CSS3, and responsive web design – my recently remade website niksteel.com is an example of a site that I made.
JavaScript	I volunteered for a workshop at Hackforge where I helped the participants write an AI in JavaScript for robot characters in a fruit collecting game. (https://github.com/NikSteel/robot-fruit-hunt)
Acoustics	I conducted an ISO3382 reverb time measurement study at Coventry University. I applied my knowledge of acoustics in designing activities for my acoustics club.

Volunteerism:

Fall 2014 to present Windsor Hackforge	**Hackforge Event Volunteer** Windsor, Ontario ▪ Designed and made a fun activity for kids that lets them see and feel sound waves while controlling them with their hands View videos at: **https://youtu.be/aO8OiT28mew?list=PLK85ZLdkWlf9xbErDN42zK4v6b1Sabhl_**
Fall 2014 to Winter 2015 University of Windsor	**President of Acoustic Zoo Student Club** Windsor, Ontario ▪ Coordinated with faculty and staff to facilitate sound-themed events ▪ Successfully ran events that inspired, informed, and motivated students Contact UWSA clubs director Leticia Corpeno: corpeno@uwindsor.ca
Fall 2013 to Winter 2015 University of Windsor	**Connecting 4 Success Mentor** Windsor, Ontario ▪ Shared my experienced and offered monthly advice to new students. Contact 2014 C4S coordinator Lindsay Gore: lindsayg@uwindsor.ca

Professional Development:

Kinect for Windows v2 Hackathon Waterloo, Ontario, 2014	Over the course of a weekend, I collaborated with some of the other attendees to make a rock-paper-scissors game variant called Bear, Hunter, Ninja using the Kinect v2 SDK's gesture learning functionality. C# and Visual Studio were new to us, but we learned a lot and succeeded.
AES Member Waterloo, Ontario, 2014	As a member of the Audio Engineering Society, I subscribe to and read the AES journal and other audio publications. I will attend AES conferences in the future.