

NEHAL KANETKAR

SYSTEMS DESIGN ENGINEERING, UNIVERSITY OF WATERLOO

PHONE (519)-760-3785 | EMAIL nkanetka@uwaterloo.ca

March 06, 2015

Hiring Manager,
Pelmorex,
The Weather Network
Re: Software Developer

Dear Hiring Manager:

I am excited to be applying to work at Pelmorex for my coop term, as it is a company that I admire for its key role in making our everyday lives easier through providing crucial weather information accurately, clearly and timely. Based on my desires to always find a solution and to challenge myself, and my ability to work hard, I believe I am a strong candidate.

As a Systems Design engineering student, I have learned to work with, C based programming languages and VBA. In my experience working with these I have learned how to quickly find solutions to problems as they arise. In essence, these projects have taught me the importance of meeting tight deadlines and working efficiently in a team to meet those deadlines. Conversely, as a pilot, I have learned the importance of paying attention to details and being organized as it helps me foresee potential problems. There is nothing worse then realizing you forgot a snack when you are thousands of feet in the air!

Finally, in my previous role at CIBC and as a freelance website developer, I have learned the importance of testing, how to understand users needs to build creative, viable solutions. These experiences will help me better understand how to troubleshoot solutions that maximize satisfaction and the organizations performance. More than anything, I would be excited to work with and learn from professionals in an industry that I hope to get further involved in.

I would be excited to work at Pelmorex as it is a place for me to be challenged, grow my technical skillset and develop more knowledge about technology that I am very interested in. I would love to have the opportunity to sit down and discuss my application to work at Pelmorex. Please refer to my resume attached for more information. I can be reached at (519)-760-3785. Thank you for considering me!

With regards,
Nehal Kanetkar

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SKILLS

LANGUAGES: C++, JAVASCRIPT, HTML, CSS, VBA

TOOLS: PHOTOSHOP, XCODE, SOLIDWORKS, VISIO, MATLAB, GMAX (FLIGHT SIMULATOR)

INTERESTS: PHOTOGRAPHY, FLYING, SWIMMING, CURLING, PIANO

EXPERIENCE

TECHNICAL ANALYST | CIBC EQUITY MARKETS

SEPTEMBER 2014 – DECEMBER 2014

Developed macros in VBA to automate daily reporting tasks saving 20 minutes per day. Implemented a cost analysis of unused client connections to CIBC's trading systems resulting in savings of \$2,000 annually.

RESEARCH ASSISTANT | UNIVERSITY OF WATERLOO

AUGUST 2014 – PRESENT

Assisting MSc student Samuel Lien and Dr. Jonathan Histon for research on Data Asynchrony in aviation. Responsibilities include: developing realistic pilot and ATC interfaces, contacting pilots and ATC for the study and testing the pilot and ATC simulator interfaces.

OIL SANDS RESEARCH ANALYST | ENVIRONMENT CANADA

JANUARY 2014 – APRIL 2014

Investigated oil sands regulations for sites outside of Canada to create regulations on sulphur emissions. Regularly, updated managers and analysts, assisting with the regulatory process.

PROJECTS

HARDWARE DESIGN | ARDUINO COMBINATION LOCK

JUNE 2014 – AUGUST 2014

Developed and implemented a combinational rhythm lock which reacted to users inputs. Coded the lock using the Arduino IDE (C/C++) and implemented it using related hardware.

WEBSITE DEVELOPER | RAMINDER KANETKAR ARCHITECT

DECEMBER 2013 – PRESENT

Designed the layout of the webpages to be simple, light and clear. Implemented the website using HTML & CSS. Current responsibilities include maintaining and updating the website.

APPLICATION DEVELOPER | FLIGHT PLANNING PROGRAM

JULY 2011 – PRESENT

Implemented a user interface VBA program to output highly realistic flight plans for flight simulation. Used aircraft manuals to get realistic fuel burns and optimum altitudes.

PRIVATE PILOT | WATERLOO WELLINGTON FLIGHT CENTRE

JUNE 2013 – PRESENT

Accumulated approximately 90 hours of flying time.

EDUCATION

Candidate for BAsC, Systems Design Engineering, University of Waterloo
Expected completion: Spring 2018

Relevant Courses: Digital Computation (C++), Digital Systems (Arduino programming), Data Structures and Algorithms, Human Factors in Engineering, Graphics Lab (Drafting and SolidWorks)