**David Baladi**

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| **DATA ANALYST PROGRAMMER** |
| ✔Health Science Program ✔Software/Hardware Engineering ✔Clinical Experience |

September 28, 2020

Dear Hiring Manager,

My name is David Baladi, and my expertise in programming and health care make me a strong candidate for the Nuclear Operator role (#17761). I aim to boost project productivity with innovative workflow efficiencies and my software competencies allow me to quickly achieve work proficiency upon entering a new role.

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By customizing Microsoft Excel macros, I automated most of my IT responsibilities at Ontario Power Generation. This freed capacity to invest in developing new, work-relevant skills for improving company performance. For example, using documentation files, I independently studied their database architecture, an SAP store platform known as Ariba. As a result, I learned how to manipulate nuclear inventory data in Microsoft SQL Server Management Studio (SSMS). Consequently, I brought new data support value to team operations by increasing the transparency of this data through Microsoft Access querying, reporting and dashboard construction.

My ability to solve modern health technology challenges was put to test by my final year engineering project, where I had to educate myself in advanced programming concepts in order to successfully develop the artificial intelligence for a home-care robot assistant. Aspects of assisted living were investigated, and extensive research on GitHub and Stack Overflow was required to work around project hardware and financial limitations. Implementing state-of-the-art object detection and facial recognition algorithms demanded above economical robot hardware. To solve this issue, I programmed a TCP connection to transmit frames to a laptop for processing. I gained proficiency in Python, C++, terminal and socket-programming in the process, and, in the end, I was able to integrate all software components into the team-designed home-care robot assistant.

In addition to graduating from Canada’s top neuroscience school, Dalhousie University, I wrote the MCAT and worked on a clinical research team. I was entrusted to administer cognitive test batteries and facilitate fMRI olfaction brain testing on adolescent and geriatric psychosis populations. During this role, I proactively collaborated with various medical professionals and their patient clientele to independently perform the legwork for multiple research studies. This clinical exposure encouraged me to write the MCAT and apply to the 2013 medical school application cycle. These experiences helped to consolidate my medical knowledge, an asset integral to the many safety-related responsibilities advertised in this role.

/an asset integral to the semantics behind fulfilling the advertised role responsibilities.

I would request you to please review the attached resume for additional details regarding my engineering and health care achievements. Thank you for your consideration.

Sincerely,

David Baladi, B.Sc., B.Eng. (EIT)