

Joshua Grant
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AC Nielsen Company

Patrick Dodd, CEO
160 McNabb St.
Markham, ON
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Mr Dodd,

As a mathematics graduate with experience in both academic and industrial research, I would like to apply for a position with AC Nielsen. My blend of strong analytical thinking skills, mathematical and statistical aptitudes and excellent communication abilities make me an ideal individual to work with your company.

In my previous role I was a research associate for a small biotechnology start-up company in Toronto. This role gave me experience being a scientific researcher in an industrial setting, which is markedly different than being a researcher in academia. Most of the analytic projects I carried out were based around statistical analysis of EEG data, which mostly involved non-parametric statistical approaches to t-testing and ANOVAs. I also was responsible for keeping up with the current EEG literature with respect to migraine, pain and fibromyalgia. In doing so, I became quite familiar with medical databases such as PubMed, as well as reading and becoming familiar with the details of current EEG theory and research. Being a member of a start-up company also gave me exposure to working in a dynamic environment while working with various individuals and personalities. This experience in particular would make me well suited to working in an analytical role with a consumer research company.

During my Master's degree, I worked primarily in evolutionary game theory, which gave me strong foundations in probability and statistics, dynamical systems modelling and Monte Carlo simulation. In terms of computational tools, I became proficient using MATLAB and programming in both Perl and C/C++ for scientific programming. These are skills that would naturally transfer to a research role in industry. I also presented aspects of my research at both national and international mathematical conferences, helping me improve my presentation abilities.

I thank you for this opportunity to work with your firm and look forward to hearing from you.

Sincerely,

Joshua Grant