**Brian Loughran**

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I am writing to express my keen interest in the Edison Engineering Development Program with GE. I am a senior mechanical engineer at Lehigh University with real-world working experience in the aerospace industry looking to build on that experience with a full time position upon graduation in May.

Between my experience in industry and my course work at Lehigh, I believe I have acquired the problem solving skills needed to succeed at GE. Examples not included on my resume include an optimized pitch controller for a Boeing 737 I designed which improved overshoot and settling time for the airplane. Another example is the wiring and programming of an Arduino board to control a servo and laser system to automatically count ping pong balls loaded into a long tube. Experience and accomplishments in such courses have helped to enhance my problem solving skills, which I hope to put to good use at GE.

I believe the skills I have demonstrated both in and out of the classroom make me a valuable candidate for the Edison Program. I welcome an opportunity to meet and discuss my qualifications and candidacy in greater detail. In the interim, I thank you for your attention and forthcoming response.

Sincerely,

Brian Loughran