

July 26, 2024

MIT Lincoln Labs  
224 Wood St  
Lexington, MA 02421

Dear Hiring Manager,

My name is Ben Brown, a recently graduated Electrical Engineer from RIT, and I'm excited to apply as an Entry-Level Analyst at MIT Lincoln Labs. I am thrilled by any opportunity to apply my knowledge in electrical systems design, applied statistics, and software development to an organization with a high focus on the public good. With my diverse background granted by cooperative education experiences during my degree, and my 2+ years experience engineering for diverse industries, I am confident that I am wholly prepared to enter into energy systems and infrastructure security with high impact and value.

My experience as a software developer spans multiple industries, but across all of them my legacy lies in high impact, innovative, cross-disciplinary applications that provide lasting impact on the projects that employed me. During my time at TIMET, I had the privilege of spearheading a new approach to the monitoring of titanium production. My software development and statistical techniques directly contributed to an effort that would save the company millions on production defects annually. This experience is analogous to the role I would take up as an analyst, where I would be responsible for novel computational solutions as well as modeling and inference. I can take the lessons from this experience as well as every other experience since to create cohesive, manageable, efficient tools for the Lab's needs.

In short, being on the cutting edge of research and development is and always will be a primary motivation for my work. That is why I want to work at the MIT Lincoln Labs, so I can push the boundaries of human knowledge in an environment of people that want the same. I enjoy facing problems that have never been solved before, and I learn voraciously in order to overcome obstacles that face me. I'm excited to hear more about this position. I believe that MIT Lincoln Labs possesses everything that I need in order to grow into a successful engineer focused on the greater good. Please refer to my resume for further details about my skills and experience, and feel free to reach out to me with any other questions.

Thank you for your consideration,

Ben Brown