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To whom it may concern,

I found your company while browsing jobs on LinkedIn and I quickly became incredibly excited about your technology and mission. I believe your technology has the power to add immense good into the world and I think I have the skills, experience, drive and ambition to help you achieve this.

Some of the skills I would bring to your company are as follows:

- Extensive Linux OS experience
- Extensive C++ and object oriented programming experience
- Hobby and work experience with BeagleBone Black microcontroller
- 3 years of research and development experience
- Several years of hardware/software Integration in a hobby and work environment
- Hobby and work experience with embedded systems
- Experience with multi-threaded and multi-process programming
- Built several DIY UAV platforms using Arduino and ArduPilot
- Experience with Autonomous Underwater Vehicles using Nvidia TX2, Raspberry Pi and Pixhawk

Some of my notable professional projects include:

- Designed and fabricated a highly efficient, highly maneuverable, and wholly modular Autonomous Underwater Vehicle hardware platform for research into cutting edge underwater wireless communication and swarm intelligence.
 - View the platform here: <http://github.com/AustinAWhite/RoverGallery>
- Wrote software to parse and interpret data from an Inertial Measurement Unit (IMU, contains accelerometer, gyroscope, and magnetometer) to gain insight during the testing phases of our AUV.
- Won several awards for my research and development work in college including the Boeing Award of Excellence and IEEE Best Engineering Project.

I'm an incredibly passionate engineer and I love working on projects that challenge me to learn new skills in order to achieve success. I like taking on responsibility and I have a strong work ethic that has served me well in overcoming large challenges both personally and professionally.

Thank you for your time and consideration. I look forward to speaking with you about this opportunity.

Regards,
Austin White