Matthew Feldman

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Dear Hiring Manager,

I am applying for Amazon’s research intern program in the Seattle, WA location. I learned about the intern program through my university’s career fair. I believe that I have the industry experience and technical knowledge that can exceed your expectations for this position.

Your webpage indicates that you prefer engineers who experience with hardware/software integration, real time mission-critical systems, strong mathematical/statistical and applied physics fundamentals, proficiency in C, C++, and/or C#, and experience applying machine-learning and scale-out approaches to complex problems. The following experiences are just a few that I have acquired that qualify me specifically for this position:

* Designed flight hardware, vehicle harnessing, flight configuration files, and test software in C++ for reliable and reusable spacecrafts at SpaceX
* Designed and built a C-based embedded system and fixture to automate testing of a medical device for Stryker Sustainability Solutions
* Developed an extension for Altium in C# with basic machine learning algorithms to streamline the design process of avionics integration at SpaceX
* Currently working on a computer vision project for the IEEE Autonomous Robot challenge through the University of Florida’s Machine Intelligence Lab

I am a highly driven, innovative, and creative engineer with proven ability to identify, analyze, and solve issues. I work well in groups, as every engineering project I have worked on required me to work with or manage a team of engineers and technicians. After working on various computer science and machine learning projects, I have decided to pursue post graduate education in the field of information technology and neurosynaptic computing.

I greatly appreciate your consideration and the time spent reviewing my application. I hope to hear back from you via email in the near future.

Thank you,

Matthew Feldman