

**Sairam Tabibu**

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Dear Sir/Ma'am,

I am a first year graduate student pursuing a Masters in Electrical Engineering from the University of Washington. I am applying for this position as I feel my knowledge and experience suits the job requirements.

I have been conducting my research in the field of Computer vision and Machine learning building intelligent and efficient algorithms. I have a good amount of experience in software development, especially in C++ and Python. My ability to understand the problem statement quickly and doing background research in the area is showcased by the fact that I have successfully developed solutions for problems such as object detection or segmentation as well as in multidisciplinary projects involving NLP. More recently I have focussed on developing innovative algorithms that contributes significantly to the society. As a recent example, I developed a Deep learning based algorithm which detected the Cancer and it's subtypes with minimal human supervision which got published in one of the top journals.

My earliest experience started with working on a Face recognition project as a part of my internship in South Korea. During my senior year of under graduation, I interned at NTU Singapore where I built a ship surveillance system using IR images of Singapore coastline.

After a wonderful experience at NTU, I explored fields in applied vision along with textual and aural modalities for affective computing. I collaborated with Prof. Erik Cambria remotely and worked on projects such as Deception detection and classifying social media posts if it requires empathetic response, both of which got published in top conferences. I had to collaborate with graduate students from other specialisations to understand the problem and then develop a solution for it.

In essence, my passion for developing software solutions is never hindered by lack of knowledge in the field. I take everything as a challenge and go the extra mile to closely understand the problem and then learn whatever it takes to develop it. I strongly feel that I would prove an asset to your company as my skill set suits the job. This position would provide me with an opportunity to assist your company and expand my skills. Thank you for your time and consideration.

Sincerely ,

Sairam Tabibu