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Analog Devices

I am a student pursuing my master's in Computer Engineering at the Stevens Institute of Technology. My main area of concentration is Embedded Systems. In addition to my academic journey, I also have two and a half years of professional experience collectively in both Public and Private industries.

I am currently enrolled in CMOS VLSI, Real Time Embedded Systems and Data Structures and Algorithms for the spring semester which ends in May 23. I also have valuable industry experience in enterprise networking, operating systems and logical programming. I am actively looking for summer internships in the Embedded Systems and Computer Architecture domain to gain valuable industry experience to enhance my knowledge in this field.

A small description about my previous experience at ISRO and Reliance Jio:

At ISRO I used MATLAB to develop my algorithm as I found that it was the most suitable programming platform to analyze large datasets. I spent about 6 months working on and testing my algorithm while also learning the physics behind the design of Low Earth and Middle Earth orbits. My tenure with ISRO helped me develop essential analytical and logical skills as well as my potential to tackle complex problems using research and resources.

I joined Reliance Jio as a Graduate Engineer Trainee. I was incorporated into the Internet Planning and Engineering Team for Jio's nationally deployed network. I was acting as a versatile engineer handling a variety of tasks related to fetching card status reports of Cisco ASR's series routers. I have experience with MPLS - OAM CLI programming for Cisco's IOS XR operations system and automated network management tools like ARBOR Sightline. I worked with different sets of teams with varying technical abilities. Working with a diverse set of teams helped me understand the importance of clear communication, patience and the ability to abstract and encapsulate the details of the project necessary for different teams.

Why consider me as a potential candidate?

I am an enthusiastic and self-motivated individual who is curious and hungry to progress my knowledge in the embedded world. I am genuinely interested in this opportunity, and you can expect me to work eruditely and efficiently for the duration of the internship which will benefit both ADI and me.

I appreciate your patience to go through my rather long cover letter.