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MBARI, Human Resources
7700 Sandholt Road
Moss Landing, CA 95039

Dear Sir or Madam,

I am excited to apply for the position of research engineer at the Monterey Bay Aquarium Research Institute. I am highly motivated to work on underwater systems as well as machine learning systems, especially when they have impact on the environment.

During my role as student researcher I have worked on adaptive sampling for underwater autonomous vehicles. I coauthored a paper which was published in IEEE AUV 2018 on using adaptive sampling techniques to plan around hazardous areas. During that time I spoke with many MBARI employees who were also presenting. I am excited for the work MBARI is doing in field with underwater vision and filtration sampling.

I have also worked on vision based projects during an internship at MITRE in San Diego. I helped build a system to identify specific aircraft from aerial imagery using deep learning techniques. This was a technical challenge because there was very little known imagery of these aircraft as well as an organizational challenge because five different teams were working on different aspects of the project.

Thank you for your consideration,

Chris Denniston