

# Re: Capstone Project Forensics Lab Request

Cabrera-Mendoza, Ms. Constanza

Wed 3/4/2020 11:38 PM

To: Hayes, Prof. Darren Richard <dhayes@pace.edu>;

Cc: Leider, Ms. Avery Mcconnell <aleider@pace.edu>; Osias, Mr. Wildenslo <wo39632n@pace.edu>; Guron, Ms. Sabrin Kaur <sg58867n@pace.edu>; Bayiokos, Mr. Peter G. <pb10842p@pace.edu>;

 1 attachment

MachineLearningforInformationAssuranceinSCADASystemsDraft1.pdf;

Dear Dr. Hayes,

In response to your email below, I have attached the first draft of our technical paper. It includes the initial outline of our work. It will give you a slight idea of that which we are trying to accomplish. Please note, as it was our first draft, it includes a slightly broader spectrum of work. We have narrowed it down to the following.

As my teammate put it: "Ideally we don't want to build a system to produce data we want to use a data set". We're looking to implement machine learning to classify identified intrusions identified by IDSs. The data set we would hope your lab may provide is that of intrusions identified by IDS's. We would work with ML to classify these intrusions.

Any ideas, suggestions, or thoughts? Would the lab be equipped for this kind of challenge?

Best,  
Constanza Cabrera Mendoza | CAPSTONE IT691  
PACE | SSCSIS | cc09237p@pace.edu

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Dear Constanza,

Nice to hear from you!

I have no idea what your research is about and therefore I have reached out to your professor to find out more details and whether we can be of assistance. Of course, if we can help then we are delighted to do so.

Kind Regards,

Dr. Darren R. Hayes | dhayes@pace.edu | Assistant Professor | Student Veterans Association Academic Adviser | NYFC Second Vice Chairperson | Seidenberg School of CSIS | (212) 346-1005 | Fax (914) 989-8606 | Pace University, 163 William Street, Room 204, New York, NY 10038

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From: Cabrera-Mendoza, Ms. Constanza  
Sent: Tuesday, March 3, 2020 9:27 PM  
To: Hayes, Prof. Darren Richard  
Cc: Leider, Ms. Avery Mcconnell; Osias, Mr. Wildenslo; Guron, Ms. Sabrin Kaur; Bayiokos, Mr. Peter G.  
Subject: Capstone Project Forensics Lab Request

Good evening Dr. Hayes,

Our group is working on a project using AI & Machine Learning to classify intrusions identified by IDSs.

We were hoping to connect with you in order to use the forensics lab to help us with the project.

When would you be available for a web call? The web call would be an explanation as to what we're looking for from the lab setting and resources.

We'd like to schedule a date to come in ASAP to work on the project. There are several components we'd like to complete.

Kindly let us know when possible.

Regards,  
Constanza Cabrera Mendoza | CAPSTONE IT691  
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