P.U.R.E. Research Plan Form

Mentee Information
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Date: 09/16/16

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Date: 09/21/16

Fall 2016 Research Plan
1.) Write a brief outline of your research plan:

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-3</td>
<td>ROS Tutorials and Troubleshooting</td>
</tr>
<tr>
<td>4</td>
<td>Alex's ROS Driver for iRobot Create</td>
</tr>
<tr>
<td>5-6</td>
<td>Hardware Selection</td>
</tr>
<tr>
<td>7-10</td>
<td>Development (for transmission)</td>
</tr>
<tr>
<td>11</td>
<td>Present results in poster</td>
</tr>
</tbody>
</table>

2.) What do you hope to learn and achieve by the end of the semester?
I hope to learn how to use the Robot Operating System so I can then apply that knowledge to other projects. I also hope to learn more about signal processing and transmission. By the end of the semester I hope to have built/developed two robots which can communicate information to each other and, if possible, Robot Quidditch.

Mentee Signature: Aditya Chitnis
Date: 09/16/2016
Mentor Signature: Allan Axelrod
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