Application/questionnaire for ASNR AI Institute

To better understand your interest in this program, please provide the following information:

1. **I am interested in AI for neuroimaging for:**

   (1) Diagnosis/outcome prediction or categorization (i.e., normal vs. disease, staging of disease)
   (2) Image segmentation/registration (i.e., outlining pathology automatically)
   (3) Image improvement (i.e., reducing artifacts in MRI, increasing image quality, reducing dose)
   (4) Workflow improvement (i.e., using natural language processing to access EMR, etc.)
   (5) Non-imaging based applications (i.e., report impression generation, labeling reports with NLP, etc.)
   (6) Other, Please describe: _____________________________

2. **I primarily focus on a specific modality:**

   (1) MRI
   (2) CT
   (3) PET/CT
   (4) PET/MRI
   (5) Cerebral angiography/intervention
   (6) Plain film
   (7) Other, Please describe: _____________________________
   (8) I am not focused on a single modality.

3. **My programming/coding skills are best described as:**

   (1) Non-existent
   (2) Rusty (i.e., I used to program, but don’t do much of it anymore)
   (3) Average
   (4) Excellent

   *Note: We may include a short coding challenge in Python to assess coding skills.*

4. **I have used cloud-based systems (AWS, Google Cloud, Azure) for my AI projects**

   (1) Yes
   (2) No
   (3) N/A, since I don’t have any current AI projects
5. My experience with AI and neuroradiology is best described as:

(1) No specific experience, but interested
(2) Have discussed projects with colleagues and have ideas, but haven’t started any projects
(3) Currently have ongoing projects in AI and deep learning
(4) Have current projects and have published in the peer-reviewed literature
(5) Have AI project grant funding from institution
(6) Have AI project grant funding from NIH
(7) Other, Please describe: _____________________________

6. If applicable, please list papers in peer-reviewed literature on your AI projects and your role in them.

7. I can commit the following amount of time to this program:

(1) Less than a couple of hours per month
(2) A couple hours per month
(3) A couple hours per week
(4) More than a couple of hours per week.
(5) Other, Please describe: _____________________________

8. I would prefer to:

(1) Work on individual existing projects
(2) Work on group projects with other members of the program
(3) Other, Please describe: _____________________________

9. My career stage is:

(1) Medical student
(2) PhD student
(3) Post-doctoral researcher
(4) Resident
(5) Fellow
(6) Junior attending
(7) Senior attending
(8) Emeritus
(9) Other, Please describe: _____________________________
10. Practice setting:

(1) Academic medical center
(2) Private practice
(3) Industry
(4) Other, Please describe: ________________________________