Tuding Mentorship Program
Final Evaluation

Student: Aasrith Chennapragada

Start Date: 7/19/20

Mentor: Alberto De La Torre Duran, PhD
Brown University

Evaluation Date: 9/19/20

Evaluation of Student's Mentorship Performance

Program Overall Structure/Course load:

Each session was divided between the following topics:
General concepts of Quantum Mechanics
Applications to Condensed Matter Physics
Short Computational Physics Project
Developing scienic reading skills

Goals of Program & Learning Objectives:

We covered fundamental questions of Quantum Mechanics with modern day applications and easily solvable computational questions. This included, but was not restricted to, the Shrodinger equation, particle wave duality, magnetism and Bragg scattering.

The main goal was to provide context and motivation to learn complicated physical concepts without getting into mathematical concepts unfamiliar for Aasrith.

What was the most difficult aspect of the program the student had to overcome?

Aasrith managed to understand and calculate concepts of Quantum Mechanics that are normally taught at undergraduate college level. That jump in knowledge had to have been difficult for him, but he overcame it with flying colors.

What would you have changed about this program?

I would have liked to show him more examples of modern day research and dedicate a bit more time to go through them.

What can the student do to improve performance in this program?
Aasrith did a great job. I don't think I could have asked more from him.

Student Capacities Evaluation

Please describe your general impression of your student:
Aasrith was an incredibly polite and a very smart student. He answered pointed questions and solved his homework/computational project with ease. Excellent student that will do well at any top University.

How well did your student meet your expectations?

He exceeded them. It's not easy to understand the concepts of Quantum Mechanics and run computational calculations applied to Condensed Matter Physics. Aasrith was able to do both.

What did you like most about working with this student?

Everything. Every interaction with him was great, and it was an example of his knowledge and intelligence. His education and manners were perfect too. It was an extremely enjoyable experience.

Do you have any advice for this student as to how the student could further explore this discipline in the future?

I will advise him to keep asking questions, to keep improving his coding skills and to keep his goals in mind.

Please rate your student based on his/her performance in this program:

	Unable to Comment	Below Average	Average	Good	Very Good	Excellent	Outstanding
Work Ethic	☐	☐	☐	☐	☐	☐	✔
Intellectual Curiosity	☐	☐	☐	☐	☐	☐	✔
Writing Skills	☐	☐	☐	☐	☐	✔	☐
Reading Skills	☐	☐	☐	☐	☐	☐	✔
Potential for Growth	☐	☐	☐	☐	☐	☐	✔
Creativity	☐	☐	☐	☐	☐	☐	✔
Time Management	☐	☐	☐	☐	☐	☐	✔
Respectfulness	☐	☐	☐	☐	☐	☐	✔
Initiative	☐	☐	☐	☐	☐	✔	☐
Leadership Skills	✔	☐	☐	☐	☐	☐	☐
Self-Confidence	☐	☐	☐	☐	☐	☐	✔
Self-Discipline	☐	☐	☐	☐	☐	☐	✔
Academic Honesty	☐	☐	☐	☐	☐	☐	✔

In what areas would you like to see this student improve in the future? (if applicable)

Please give an example of how the student performed beyond your expectations (if applicable)

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Based on your knowledge of this student, would you recommend this student to selective universities? Why or why not?

Yes. His intelligence, work ethic and dedication will help him succeed at any university.

Do you have any additional comments?

Alberto de la Torre

Digitally signed by Alberto de la Torre
Date: 2020.09.19 22:59:12 -04'00'

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Signature of Mentor