

# Teaching Statement

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I believe in teaching through interaction and examples. Most of my works fall under the blanket category of numerical methods or data science or machine learning, a good way to familiarize the students on these topics is letting them tinker with simple examples. In most of my pedagogical presentations I like to use interactive platforms like Google Colab where the students themselves can play around with the topic in hand, to demonstrate first-hand the ever-present nuances.

I am a firm believer in group learning, so pairing students with each other to demonstrate teamwork is another aspect of the entire learning experience I like to focus on. Often these simple exercises lead to beautiful new friendships and a great learning environment.

Rather than making students memorize the syllabus I like to focus on assignments that drill the essential bits of the topic into the students' minds. Live presentations are a way to build students into teachers of tomorrow and hence they are equally as important. So in my courses I weigh assignments, literature presentations and project presentations higher than exams.