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Mastering technologies for efficient online teaching

When teaching large classes, automation of repetitive processes is key. In this presentation I will illustrate two technologies which considerably sped up my own online teaching over the last year. The first is the "nbgrader" framework, which is a method for automatically correcting assignments in programming classes. The second technology is a way to work with the Canvas learning environment in a more efficient way using a standard programming interface which is called the "REST api". Both technologies together allow for an efficient turnaround of 1) retrieving assignments from canvas, 2) automatic correction and 3) upload of feedback for individual students to canvas.

Going all online - teaching practice, learning design and assessment
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