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To whom it may concern:

Dear Sir or Madam,

Hereby, I want to share my experience of working with Sidney Golstein. He followed the two courses I give in the field of telecommunications to the students registered in electrical engineering at the Ecole polytechnique de Bruxelles.

The course "Communications Signals and Systems" given to the bachelor 3 students firstly presents the mathematical bases necessary to well understand a telecommunications system (Fourier transform, random variables and processes) and secondly introduces the analog modulations (amplitude and angle modulations).

The course "Modulations and Coding" given to the master 1 students presents the main digital modulations and builds the optimal transceiver for a channel only corrupted by additive noise (PSK/QAM modulations, Nyquist criterion, time/frequency synchronization, channel coding).

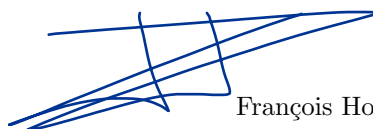
In both courses, a project is proposed to the students. It consists in simulating a full communication chain in Matlab (frequency modulated audio carrier for the first course, satellite communication system for the second course). Groups of 2 to 3 students are formed to implement the project.

Sidney was really motivated by the course and did his best to succeed in the project. His curiosity even led him to propose innovative solutions. His report was well written and very complete. He is a hard worker, able to face a huge challenge by spending the necessary time on it. Concerning his personal skills, he is an effective team member with great spirit that can act as a leader to motivate his peers.

Sydney has been very successful in the course. His final note was 18/20.

Do not hesitate to contact me if you need further information.

With my best regards,

A handwritten signature in blue ink, consisting of several overlapping loops and lines, representing the name François Horlin.

François Horlin