

February 8, 2019

To whom it may concern:

I have known Burak Koryan for two years and four months, from September 1, 2015, to August 31, 2018, as an instructor in two undergraduate courses and as the Electrical Engineering Coordinator. The courses were Electronics I, ECE 3111, fall 2015, and Electronics II, ECE 3122, winter 2017.

I think Burak has three skills which will make him a good engineer. Engineering as a subject is important to him. He is detail-oriented. He has a good ability to manage time and understand which details are important. I have examples to show these traits.

His first two strengths, the importance of engineering and his attention to details were shown to me in Electronics II. In that course, there was a bandpass filter design. His specification met all the design requirements. However, I remember speaking with him in the lab regarding specific technical aspects of filters, such as the 3 dB cutoff frequency being different than a single pole frequency when multiple poles were present at the same frequency. Months later, when speaking with Burak about the final examination, there was a question which he did not get correct at the time, but later, with more time, he solved it.

His sense of time management was shown to me with the course ECE 4813 in the winter of 2019, a course taught by another instructor. Lab 1 in that course was the amateur radio exam. It requires much study by students and only about half of the electrical engineering students pass the exam. The lab was optional. Burak chose to spend his time working on other courses.

I notice that he is proactive enough to own his own website, <http://koryan.ca/>. I have also noticed that he has good ethical standards. He approached me to write this letter after I was no longer one of his course instructors. Finally, Burak reminded me of a former roommate, who now works for Measurement Canada. When I am at a gas station and I pump gas, I see the round certification sticker with a small Canadian flag and know who is responsible for the accuracy of the gas pump. I am confident that Burak will similarly find a rewarding career which will make use of his skills.

For your assistance with this letter, I provide the following information about me. Since 2001, I have been a tenured associate professor in the Department of Electrical and Computer Engineering at the University of New Brunswick, Fredericton, New Brunswick, Canada. I teach undergraduate and post-graduate courses in Electrical and Computer Engineering. I supervise postgraduate research at the

University of New Brunswick. I was a co-author of successful research sponsorships from the Atlantic Innovation Fund, valued at CAN\$2,188,690, for wireless communications, and the Canada Foundation for Innovation, valued at CAN\$1,860,610, for fibre-optic communications. Currently, I am a co-principal investigator of CubeSat NB, which is part of the Canadian CubeSat Project of the Canadian Space Agency. CubeSat NB plans to launch New Brunswick's first cube satellite from the International Space Station in 2022. Finally, I am a Registered Professional Engineering with the Association of Professional Engineers and Geoscientists of New Brunswick.

Best regards,



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