



Recommendation Letter

This serves as a reference letter for my student Vojtech Brtník who I strongly recommend for follow up studies, research and work in the field of Mathematics, Computer Science and Security.

I work as a lecturer and a scientific worker at the Department of Algebra and Information Security at Charles University, where Vojtech Brtník was pursuing his undergraduate studies. I first met Vojtech during the academic year 2007/2008, when he was attending my course Standards in Cryptography. Later, I was supervising his final bachelor thesis (Reconstruction of SD-2 and CM-I cipher machines), which together with final exam was the basis for obtaining a bachelor degree at Charles University. His thesis was completed in May 2009 and was also a ground for a conference lecture (http://mkb.buslab.org/docs/MKB2009_program_final.pdf) and a scientific article that is to be published soon (Cryptologia).

Vojtech showed real interest in Cryptography. Unlike most other students Vojtech picked a topic for the bachelor thesis himself, and furthermore, has shown motivation, interest and great perseverance.

Our undergraduate students must possess a suitable level of knowledge in theoretical disciplines such as Calculus, Statistics, Number Theory, Basics of Logic, Algebra and Algorithms. Vojtech fruitfully fulfilled these requirements. Our cryptographic attainments are the skeleton of graduate studies. Vojtech has mastered most of this knowledge during his undergraduate studies, which is something unique.

In addition, Vojtech has the rare ability to combine knowledge in Mathematics and with knowledge in Computer Science. This is the most important requirement for the academic and professional spheres.

In conclusion, I am convinced that Vojtech Brtník is an excellent candidate for the Macquarie University Exchange Program, scholarship, and any further research and work in the field of Mathematics, Cryptography and Security Science. With the guidance of your university, he will achieve outstanding success.

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