

Dániel Leskő

EIT Digital Budapest DTC

PhD topic: Using statical analysis for property based testing of functional programs

PhD supervisor: Dr. Zoltán Horváth, ELTE

Industrial partner: Ericsson Hungary

Contact: ldani@elte.hu



'Being enrolled at EIT Digital gave me another perspective on how the world of business really works. It helped me realize that being a good researcher and having solid research results on a topic is quite far from making money out of my work.'

Achievements & further plans

On a personal level he was always curious about the business world, so in late 2009 he decided to **start a venture** as an experiment. It was a fully **automated accommodation booking site**, and six years later, it is still up and running, furthermore, it is growing year by year. He is not sure where would this venture have ended without him taking those I&E courses, but he is glad he did, because it helped in so many ways, he couldn't even count them. Nowadays, he and his wife are planning a second venture, but it is in a quite early stage. Right now, they are doing market research and validation.



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Educational status at Spring semester of 2016:



RA



OR



BMD



GH



Mobility



BDExp.

Reserach topic

Eötvös Loránd University and Ericsson Hungary have a strong, more than a decade-long partnership, which is reflected in the form of research projects as well, yielding mostly prototype implementations. He is currently involved in one of these projects, where a few months ago they suddenly faced two problems: first, they started to design a tool based on previous experiences and

solutions, but it turned out that they are missing crucial information and a clear definition of their users/customer segment as well. The second problem emerged in connection with a recently released tool, because its customer segment vanished due to internal changes at Ericsson. So they faced two problems, and the solution required a focused, intensively communicative cooperation with various Ericsson employees. This was such a new way of working together, at least for

them, that they referred to it as an innovation case study. They managed to solve these issues by gathering information from Budapest and also from San Jose, where Ericsson also has a quite big research centre. As for the second problem, they found a similar customer segment, so they can reposition the tool to fulfil their needs. As he states, 'To me, it looks like the DTC not only forms the enrolled students' mindset, but it also affects the whole ecosystem.'