



David Jelem, Austria, Graduated 2016

Job title/activity: Project Manager, reliable networks for space systems

After three years of developing ion thrusters and managing research projects at FOTEC, the research subsidiary of FH Wr. Neustadt, I changed to a position as project manager in the field of reliable networks for space systems at TTTech.

The studies at the FH Wr. Neustadt have proven to be very interesting and challenging. Coming from a more theory oriented physics background, the numerous group assignments offered great opportunity to learn and grow. Not only was I able to apply the know-how I brought along from my undergraduate studies but I have also learned a great deal on how to perform effectively in a team. The lectures of this program provided a well-structured overview and background in the fields of space and aviation. The small group sizes and motivated lecturers made the time spent in Wr. Neustadt very worthwhile.

FOTEC offers motivated and promising students good opportunities to work on research projects in various topics, very close to application. The University CubeSat Project PEGASUS, where I was mapping the photo diodes for the ADCS system, and the work at FOTEC, where I was working on placing the first ever FEEP thruster in orbit, had given me the opportunity to work with actual flight hardware and to see the results of my research in action.

Overall, I am glad to have gone to Wr. Neustadt for my masters and I feel well equipped for a career in the space industry.