

Teodor Fratiloiu

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Born in 1999 in Bucharest
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Education

Oct 2017 – today **Technical University of Munich**
Electrical Engineering and Information Technology, Bachelor of Science
2013 – 2017 High School: Mihai Viteazul National College, Bucharest

Experience

Oct 2018 – Jun 2019 **Workshop Coordinator for the advisor program (TUM EI)**
I worked as a tutor (called advisor), holding soft-skills workshops for a group of younger students on topics such as, but not limited to, project and time management, group dynamics, teamwork, discussion moderation and some related topics. I then supported and offered consultancy to this group in the development of a robot capable of playing a musical instrument. *(Munich)*

Mar – Apr 2019 **Intern for the eCARUS e-Mobility program**
I worked on the development of a decentralized lighting system for an application in the automotive industry. My team worked on both hardware and software. I gained experience on programming micro-controllers in the C programming language. *(Munich)*

Nov 2017 – Jun 2018 **advisee (Participant) in the advisor program (TUM EI)**
I have built an arduino-based sumo robot in an international team, with me being responsible for the hardware implementation of the sensors (IR, ultra-sound distance measurement, contrast detection), cable management in the chassis, as well as for some aspects of the software. I have also taken part in Soft-Skills training, which helped me develop my communication, presentation, project and conflict management abilities. *(Munich)*

Aug 2017 **Summer camp tutor at Tumba Summer Camps**
I have worked as one of the tutors in a German-language summer camp, taking care of around 25 children (ages 6-14) over the course of a week. I have developed my ability to explain different concepts in a playful manner and develop workshops to support that. I have led games and activities all day long, as well as independently held a daily language class for a group of 7 children. *(Brasov, Romania)*

Sep 2015 – May 2016 **Secretary-General at Model United Nations of Bucharest**
I was the leader of the organizing team of the 2016 edition of the international MUN conference taking place in my school. The conference had over 350 participants, almost 200 of which came from abroad. I coordinated the organizing of all the relevant aspects of the conference. This helped me develop my leadership and communication skills, as well as my ability to cope with many different tasks in a very short period of time. *(Bucharest, Romania)*

Mar 2014 – Nov 2018 **Delegate and Chair-Person at international Model United Nations conferences**
I have taken part in 9 MUN conferences overall, in the positions of both delegate and chairman, where I got the chance to develop my oratorical skills, critical

thinking capability, as well as my communication and lobbying abilities. Moreover, I got the chance to experience different international environments, interact with and befriend fellow students from over 20 foreign countries, which all helped me broaden my world view. Furthermore, I got to learn a lot about diplomacy and geopolitics, which help me better understand current world events.
(Rome, Budapest, Lübeck, Munich, Bucharest)

Languages

German	C1 (Advanced)
English	C2 (Proficient)
Romanian	Native

Other Abilities

Programming	C, C++, Python, HTML, MATLAB
Computer skills	MS Office, Photoshop, Premiere Pro, DaVinci Resolve
Others	EU Driver's license (Category B)
Interests	Computer Vision, Machine Learning, Autonomous Driving, Circuit Design World Politics, Psychology, History, Foreign Languages

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