

Applicant's Name: Victor Hugo Dambrat Bergossi

Recommendation provided by:

Name: Doctor of Science **Bertoldo Schneider Jr.**,

Position: Professor at the Electronics Academic Department - UTFPR

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To whom it May Concern,

First, I let me present our institution, the Universidade Tecnológica Federal do Paraná, which has 13 campuses located in several cities in the State of Paraná, and offers technical, undergraduate and graduate programs. The Engineering Department itself offers 13 programs in the state, 47 graduate and several other at High School Technical levels. This range of options make it a unique institution in the national scenario, maybe the only one primarily focusing on Technology. I am a professor of all levels, that is, I teach in the Technical, Engineering, Technologies and Master's and Doctoral programs. It is within this environment that I have known my student, Victor, in the Electronics Technical Program, teaching him the discipline Digital Electronics.

I have also had the chance to interact with Victor when he was taking the exams for the Astronomy Brazilian Olympics. As his professor and advisor, I can testify that he has always been an outstanding student, and the medals and grades he received are well deserved. During his last year, based on his above-the-average performance, I invited him to work

In the Scientific Initiation Projects with a government scholarship and since then we have worked together to develop studies in Electronics and Biomedical Engineering, in Biomonitoring Systems. He designed such a system that can register geographic coordinates (real GPS real), height, date and time, temperature, humidity and accelometry (own sensors), all integrated into a system based on the Arduino UNO platform. I was also his advisor in a Robotics Project, developed this year, for which he was awarded a national prize.

Victor intelectual abilities are noteworthy. He is pro-active and manages to solve presented problems with little or no supervision. He frequently explores the topics beyond what is expected from students, and the unknown means an opportunity to learn, and solutions can always be improved for his devices. A student like this is always punctual, responsible and assiduous. In short, he is capable to learn fast and with quality, solve problems with efficiency, displays high intellectual skills, and his social abilities enable him to work well in groups as well.

Victor is highly motivated and his contributions can be observed in many areas: in theoretical projects, practical researches with hardware or software or even field projects, as for example the biomonitoring equipment test in a non-urban environment. In his leisure time, on the weekends, he helps his father in a

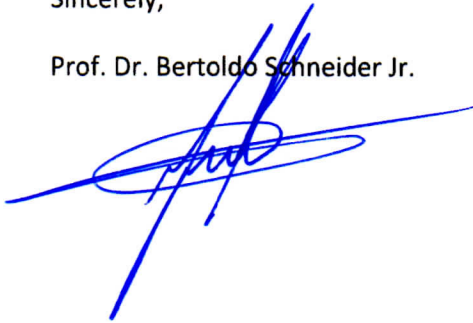
rural business, a quite different environment from the one he experiences at school. And I heard he does it very competently too. He is knowledgeable in Electronics, Electricity, Computing, Programming, Basic Mechanics, Commercial Logistics, Service Logistics, and so many other topics.

Considering his history and background, I believe he will offer excellent future contributions in the academic, developmental and research fields. As mentioned in the previous paragraph, his group working skills and his leadership qualities will enable him to lead projects as the one at the Brazilian Robotics Olympics. Among hundreds of participating groups, his was the only one that totally built a robot, covering all aspects related to printed circuit board, design, circuits, logics, programming, actuators, tests, mechanics, etc. All others used the LEGO pieces. I guess you can have a good idea of Victor's profile, regarding his initiatives.

I would like to conclude my letter by saying that I am certain that Victor will profit extremely from an opportunity to proceed with his studies abroad, as in my opinion, we have reached a limit in his learning options. A new place, with new cultural environments, a new language, technologies available at a speed and amount different from what is offered in Brazil, can certainly mean great opportunities for his growth. And he will represent a great asset to any institution where he can develop his talents. He has the type of ambition only American Culture can develop.

Sincerely,

Prof. Dr. Bertoldo Schneider Jr.

A handwritten signature in blue ink, appearing to be 'Bertoldo Schneider Jr.', with a large, stylized flourish extending from the bottom left.