Doctorate in Bioengineering and Robotics

CANDIDATE SUMMARY PROFILE

# Personal Information Summary

|  |  |
| --- | --- |
| Family Name | Candidate |
| First Name | Igor Michael |
| Date of Birth | 29/2/1999 |
| Nationality | … |
| Highest Level Degree Achieved | e.g. Master Degree in Polymorphic Engineering |
| Specialization (if any) | e.g. Mechatronics, or Machine Learning, or Control, … |
| University that Issued the Degree | University of Myhometown |
| Country of the University | Countryland |
| Final Marks | e.g. 80/100 |
| GPA (if applicable) | e.g. 8/10 |
| Date of Degree | 32/09/2021 (The date when the degree was obtained or you expect to obtain) |

# Doctorate Application Summary

|  |  |
| --- | --- |
| **Curriculum** | Specify the curriculum chosen for this application (check doctorate website for more details: <http://phd.dibris.unige.it/biorob/index.php/how-to-apply>) |
| **Research Theme #1** | The research theme of highest interest (check the doctorate website for more details: <http://phd.dibris.unige.it/biorob/index.php/how-to-apply>) for you. |
| **Research Theme #2** | The research theme of “second” highest interest (check the doctorate website for more details: <http://phd.dibris.unige.it/biorob/index.php/how-to-apply>). |

**This Section Is Only For Curriculum:**

* **Robotics and Autonomous Systems**
* **Bioengineering**

# Candidate Technical/Practical Skills Summary

Please add in the appropriate table any major skill not listed.

**Programming skills** (please mark with X where applicable)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Advanced** | **Good** | **Fair** | **No** |
| C (imperative) |  |  |  |  |
| C++ (OOP) |  |  |  |  |
| Python |  |  |  |  |
| MATLAB/Simulink |  |  |  |  |
| LabView |  |  |  |  |
| SQL |  |  |  |  |
| Other (specify) |  |  |  |  |
| … |  |  |  |  |

**System level programming skills (please mark with X where applicable)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Advanced** | **Good** | **Fair** | **No** |
| LINUX |  |  |  |  |
| ROS |  |  |  |  |
| QT |  |  |  |  |
| MS WINDOWS |  |  |  |  |
| Other (specify) |  |  |  |  |
| … |  |  |  |  |

**Mechanical design skills (please mark with X where applicable)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Advanced** | **Good** | **Fair** | **No** |
| CREO |  |  |  |  |
| SOLIDWORKS |  |  |  |  |
| FUSION 360 |  |  |  |  |
| ANSYS |  |  |  |  |
| COMSOL |  |  |  |  |
| Other (specify) |  |  |  |  |
| … |  |  |  |  |

**Embedded Systems and Electronics skills (please mark with X where applicable)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Advanced** | **Good** | **Fair** | **No** |
| ARDUINO |  |  |  |  |
| RASPBERRY PI |  |  |  |  |
| ARM architectures |  |  |  |  |
| ALTIUM |  |  |  |  |
| ORCAD |  |  |  |  |
| Other (specify) |  |  |  |  |
| … |  |  |  |  |

**Laboratory instrumentation (please mark with X where applicable)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Advanced** | **Good** | **Fair** | **No** |
| Oscilloscope |  |  |  |  |
| Spectrum analyser |  |  |  |  |
| Multimeter/Signal generators/other measurement instrumentation |  |  |  |  |
| Chemical lab instrumentation |  |  |  |  |
| Optical Microscopy |  |  |  |  |
| Atomic Force Microscopy |  |  |  |  |
| Electrophysiology set-up |  |  |  |  |
| Other (specify) |  |  |  |  |
| … |  |  |  |  |

**Mechanical workshop machinery (please mark with X where applicable)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Advanced** | **Good** | **Fair** | **No** |
| 3D Printers |  |  |  |  |
| CNC Machines |  |  |  |  |
| Manual lathe |  |  |  |  |
| Manual milling machnie |  |  |  |  |
| Manual drill/grinder/other machinery |  |  |  |  |
| Other (specify) |  |  |  |  |
| … |  |  |  |  |

# Other relevant technical/scientific skills (please describe in synthetic way the skill and mark with X where applicable)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Advanced** | **Good** | **Fair** | **No** |
| Skill 1 |  |  |  |  |
| Skill 2 |  |  |  |  |
| Other (specify) |  |  |  |  |
| … |  |  |  |  |