**Statement of Authorship for joint/multi-authored papers for PGR thesis**

To appear at the end of each thesis chapter submitted as an article/paper

The statement shall describe the candidate’s and co-authors’ independent research contributions in the thesis publications. For each publication there should exist a complete statement that is to be filled out and signed by the candidate and supervisor **(only required where there isn’t already a statement of contribution within the paper itself).**

|  |  |
| --- | --- |
| Title of Paper | Navigating by touch: haptic Monte Carlo  localization via geometric sensing and terrain  classification |
| Publication Status | x Published □ Accepted for Publication  □Submitted for Publication □Unpublished and unsubmitted work written  in a manuscript style |
| Publication Details | Russell Buchanan, Jakub Bednarek, Marco Camurri, Michalk R. Nowicki, Krzysztof Walas, and Maurice Fallon, “Navigating by touch: haptic Monte Carlo localization via geometric sensing and terrain classification,” *Autonomous Robots*, 2021. |

Student Confirmation

|  |  |  |  |
| --- | --- | --- | --- |
| Student Name: | Russell Buchanan | | |
| Contribution to the Paper | * Contributed to development of the idea * Wrote the entirety of the localisation code * Performed all data analysis and processing * Wrote large portions of the paper | | |
| Signature | | Date | November 3, 2022 |

Supervisor Confirmation

By signing the Statement of Authorship, you are certifying that the candidate made a substantial contribution to the publication, and that the description described above is accurate.

|  |  |  |
| --- | --- | --- |
| Supervisor name and title: Professor Maurice Fallon | | |
| Supervisor comments | | |
| Signature | Date |  |

This completed form should be included in the thesis, at the end of the relevant chapter.