** Griffith School of Engineering**

**PROFESSIONAL PRACTICE**

**CATEGORY A PLACEMENT RECORD SHEET**

**1. PERSONAL DETAILS**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Griffith identification Number** | | | | | | |  | **Family Name:** Barber |
| 5 | 1 | 3 | 8 | 8 | 7 | 7 |  | **Other Names:** Jessy |

**2. PROFESSIONAL PRACTICE PLACEMENT**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Period of Placement** | From: 21 / 11 / 2023 | To: 24 / 2 / 2023 | | **Days** | 63 |
| **Organisation Name:** Gilmour Space Technologies | | | | | |
| **Supervisor Name:** Alex Forward | | | **Contact Ph:** +61755492370 | | |
| **Email:** alex.forward@gspace.com | | | | | |
| **Organisation Address:** 5 Millenium Circuit Helensvale | | | | | |

(See Note 1)

**3. INDUSTRY SUPERVISOR SIGNATURE**

|  |  |
| --- | --- |
| **Supervisor Signature:**  (see Note 2) | **Date: 12/6/2023** |

**4. PLACEMENT DESCRIPTION**

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| --- |
| **Your Role:** Avionics Intern |
| **Brief Description of Work Undertaken:** (Approximately 50 words) (See Note 3)  As an Avionics intern my role was to design, implement and test electronics, software, PCBs and 3D enclosures. This work was primarily focused on developing systems that interact with the propulsion batteries of a rocket and their respective battery management systems. The internship work focused on designing a prototype on a microcontroller, writing software applications in C++, integration testing on a rocket battery, designing and presenting a PCB, designing and writing the assembly procedure for 3D PCB enclosures and communicating with suppliers and manufacturers. Daily work also involved meetings in a professional environment and code reviews, and becoming familiar with in house software and engineering tools. |

**5. STUDENT SIGNATURE**

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| --- | --- |
| **Student Signature:** | **Date:** |