# Michael BRYAN

## PERSONAL INFORMATION

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| ADDRESS: | U 2/9 Clydesdale Street, Como, WA 6152 |
| PHONE: | 0488 585 636 |
| EMAIL: | michaelfbryan@gmail.com |
| GITHUB: | https://github.com/Michael-F-Bryan/ |

## MISSION STATEMENT

To leverage the practical engineering intuition gained as a long term senior member of the Curtin Motorsport Team, as well as my passion, skill and experience with software development, for the betterment of CMT.

## EDUCATION

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| 2013 | Commenced Bachelor of Engineering at Curtin University |
| 2012 | Graduated from Scotch College — *ATAR: 99.90* |

## CO-CURRICULAR ACTIVITIES

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| 2017 | Became the main maintainer of *mdbook* (medium sized open-source project) |
| 2016 | Treasurer of Curtin Pedal Prix |
| 2016 | Vice President of Curtin HackerSpace |
| 2016 | Wiki Dev and IT Infrastructure Lead |
| 2015 | Assistant Project Manager of Curtin Motorsport Team |
| 2013-Current | Member of Curtin Motorsport Team |

## OPEN-SOURCE PROJECTS

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| **mdbook** | Core maintainer of *mdbook*, a program for rendering documentation to HTML for online viewing. As maintainer I triage issues, do code reviews, and manage the other contributors to keep the project heading in the right direction. *mdbook* is most prominently used to document the Rust programming language. It Currently has over 200,000 official downloads and 61 contributors. (https://github.com/rust-lang-nursery/mdBook) |
| **The Rust FFI Guide** | A tutorial which teaches people how to interoperate between Rust and other languages via C APIs. Commonly referred to as one of the best references for teaching people how to write projects where multiple languages need to work together, explaining best practices and high level architecture decisions. (https://michael-f-bryan.github.io/rust-ffi-guide/) |

## COMPUTER SKILLS

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| EXPERT | RUST, SYSTEMS PROGRAMMING, LINUX, NETWORK SECURITY |
| INTERMEDIATE | C++, C#, GO, JAVASCRIPT (INC. WEB APPLICATIONS), DELPHI, DATA PROCESSING AND ANALYSIS (PYTHON + NUMPY) |

## WORK HISTORY

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| MARCH 2017 - CURRENT | **Part-Time Developer at Wintech Engineering** Refactoring and upgrading the Profiler software for drawing 2D models and sending instructions to CNC foam cutting machines. Low level programming of the CNC machine controller. |
| NOVEMBER 2016 - FEBRUARY 2017 | **Internship at Wintech Engineering** Creating an interface to an autonesting program for optimally positioning parts to minimise waste, upgraded the Profiler GUI to incorporate modern components like Ribbons and high resolution icons |

## References

**Nicola Staltari**

RELATIONSHIP     2016 Technical Director at CMT, oversaw my performance
as a member of the electrical area

CONTACT NUMBER     *(to be provided upon request)*

**Jim Twiddle**

RELATIONSHIP     Owner of Wintech Engineering

CONTACT NUMBER     *(to be provided upon request)*