

# Rylan Jardine, CV

1/1 Dennis St Clayton, 3168

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## Education:

- 2017 - Current**      **Bachelor of Science Advanced – Research (Honours)**  
(Majors – Physics and Astrophysics, Minor - Maths)  
Monash University, Clayton
- **Current WAM (89.930), GPA (3.958)**
  - Average >90 in third year physics and astrophysics units
- 2016**                      **Victorian Certificate of Education (VCE)**  
Maryborough Education Centre
- Australian Tertiary Admissions Ranking (ATAR) score of 98.85

## Achievements/Scholarships:

- 2019-2020**              **Summer Research Scholarship, Monash University**  
The origin of matter and gravitational waves - Professor Csaba Balazs
- 2017-2018**              **Deans List**  
Monash university, Science
- 2017**                      **Vice-Chancellor's Scholarship for Achievement**  
Monash University

## Employment History/Research Experience:

- Current**                      **Summer Research Scholarship, Monash University** - The origin of matter and gravitational waves - Professor Csaba Balazs
- Member of GAMBIT community (GAMBIT - The Global And Modular BSM Inference Tool)
- 2019 Semester 1**      **PHS3350 Research Project** - The Influence of General Relativity and the Nuclear Equation of State in Supernovae - Dr Bernhard Mueller
- 2018 - Current**        **Library Assistant** - Hargrave-Andrew Library, Monash University

- Involved working collaboratively as part of a team to carry out assigned duties in an efficient and professional manner to maintain the library
- Required assisting, cooperating, directing and informing others in a polite fashion

**2015 - 2017**

**Library Shelves/Officer** - Maryborough Regional Library

- Serving customers in a polite and professional manner and assisting with loans and directional queries
- Teaching and assisting patrons with library use and organisation

### **Monash Extracurricular and Voluntary Work:**

**2017**

**Completion of Monash Minds program (Volunteering at University Graduation Ceremonies)** Monash University, Clayton

- Demonstrates a willingness to contribute towards the greater university community and to cooperate with and help others

**2017**

**Monash University's Leap into Leadership (LEAP) Online module Strategic Thinking: Solving Complex Problems**

- Developed strategic problem solving skills and critical thinking skills

**2014-2016**

**Marshalling at the RACV Energy Breakthrough**

- Following instructions and directions as well as working closely with others.
- Working in a professional manner to ensure the safety of all participants and the integrity of the race.

### **Skills and Personal Qualities:**

- Excellent teamwork and interpersonal skills as demonstrated by involvement in many sporting teams including the Monash Soccer Club and Colts Phelans Cricket Club
- Able to cooperate and collaborate well with peers and others in a polite and efficient manner
- Able to complete tasks in a proficient and professional manner of a high standard
- Understanding that different individuals learn at different rates and in different ways and require personalised teaching approaches

### **Interests:**

- A variety of team and individual sports including: Cricket, soccer, swimming and bouldering
- Reading (books of all kinds including fiction and non-fiction)
- Physics/Astrophysics study and research

**Referees:**

David Smith-Chitty  
Information, Lending and Facilities Librarian  
Hargrave-Andrew Library  
Monash University  
0419325597  
[david.chitty@monash.edu](mailto:david.chitty@monash.edu)  
(Current Employer)

Maree Stephens  
Library Manager  
Maryborough Regional Library  
0487382726  
[MareeS@cgoldshire.vic.gov.au](mailto:MareeS@cgoldshire.vic.gov.au)  
(Former Employer)

Dr Bernhard Mueller  
ARC Future Fellow  
School of Physics and Astronomy  
Monash University  
[Bernhard.Mueller@monash.edu](mailto:Bernhard.Mueller@monash.edu)  
(Former Supervisor)