

# James Barnes

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Geelong, Victoria  
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jamesbarnes2505@gmail.com  
github.com/jimbxb

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## Summary

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I am a student of computer science, completing a Master of Computer Science at The University of Melbourne. Recently, I completed a Bachelor of Science achieving excellent results. My strengths and interests relate to computing and technology.

## Skills

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### Programming Languages:

C, Java, Python, JavaScript, Haskell, Prolog, MATLAB, L<sup>A</sup>T<sub>E</sub>X, HTML5, CSS.

### Software:

Visual Studio Code, Github, Eclipse, Microsoft Word, Microsoft Excel, Microsoft PowerPoint.

### Natural Languages:

Native English, introductory-level Chinese (Mandarin).

## References

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### Professor Timothy Baldwin

The University of Melbourne  
Melbourne Laureate Professor  
tb@ldwin.net  
+61 3 8344 1363

### Michael Broeks

WorkSafe Victoria  
Workers' Compensation (Premium)  
– Product Owner  
michael\_broeks@worksafe.vic.gov.au  
+61 4 1113 2922

### Les Kitchen

The University of Melbourne  
Honorary Senior Research Fellow  
jebref@po.ljk.id.au

## Education

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### The University of Melbourne, Master of Computer Science

2020 - Present

### The University of Melbourne, Bachelor of Science

2017 - 2019

**Major:** Computing and Software Systems

**Grade:** First Class Honours (83.000 WAM)

### Belmont High School

2011 - 2016

Select-Entry Accelerated Learning Program

## Work Experience

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### Academic Demonstrator – The University of Melbourne

2019 - 2020

My role as a demonstrator is to teach introductory concepts in computing. My responsibilities also include grading a large number of student's exams and tests.

### Data Analyst – WorkSafe Victoria

Summer 2019

My role at WorkSafe included the validation and cleaning of confidential and public company records. Extra responsibilities included the validation of automated data entry, making heavy use of macros in Excel.

### Kitchen Hand – Soft Cafe

2015 - Present

## Volunteering

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### Student Representative – The University of Melbourne

2020, Semester 2 – Advanced Theoretical Computer Science  
Student-teacher liaison responsibilities.

## Projects

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### Airloom – B.S. Capstone Project

2019, Semester 2

For the capstone of my undergraduate degree, we were tasked with creating a service designed to be an online store of multiple families' heirlooms, allowing multiple concurrent users to share content and collaborate in a user-friendly environment. This task involved rigorous software modelling, planning and implementation.

## Awards

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### Undergraduate Excellence in Computing and Information Systems Scholarship – Runner-up

2018

Awarded to an undergraduate student in the Computing and Software Systems major for excellent academic achievements.