

James Barnes

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github.com/jimbxb

Summary

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

Programming Languages:

C, Java, Python, JavaScript, Haskell, Prolog, MATLAB, L^AT_EX, HTML5, CSS.

Software:

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

Natural Languages:

Native English, introductory-level Chinese (Mandarin).

References

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

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

Summer Vacation Intern – Telstra

2020 - 2021

My role as an intern at Telstra was primarily focused around the Services component of the MyTelstra app. I was responsible for the synthesis and maintenance of quality assurance tests, along with general devops responsibilities.

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

Student Representative – The University of Melbourne

2020, Semester 2 – Advanced Theoretical Computer Science

Student-teacher liaison responsibilities.

Projects

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

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.