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, LaTeX, 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
Summer 2020 - 2021
My role as an intern at Telstra was primarily focused around the the MyTelstra app. I was responsible for the synthesis and maintenance of quality assurance tests, along with general devops responsibilities. I also developed features on the front-end of the MyTelstra web app.

Academic Tutor & Demonstrator – The University of Melbourne
2019 - Present
My role as a tutor and demonstrator is to teach introductory concepts in computing, primarily to first year students. Further responsibilities include grading a large number of student's exams and assignments.

Data Analyst – WorkSafe Victoria
Summer 2019 - 2020
My role at WorkSafe was 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.