Joseph Keelagher

Student Software Engineer

keelagherj@gmail.com | 0423 859 904 | Melbourne, VIC 3195

Skills

Python
(Pandas, Matplotlib,
 Machine Learning)

C
(Advanced Data Structures,
 Algorithms)

Java
(Object Oriented
Programming)

HTML/CSS/JS
(Basic Web Design)

University Mathematics
(Linear Algebra, Calculus 2)

Education

University of Melbourne
Bachelor of Science (B.S)
Computing and Software
Systems
2022 – 2024

Parkdale Secondary College
Graduated 2021
ATAR – 94.30

Summary

Dependable, self-driven and engaged are three terms I would use to describe myself. I am eager to gain experience through an internship/placement in my dream field. My involvement in teams both in and outside of the workplace has made me an excellent team member and I would relish the opportunity to work with those at the forefront of the industry.

Career history

Bar Gaming Attendant at Mordialloc Sporting Club
February 2022 – Present

- Served food and beverages as a barman while delivering professional customer service.
- Routinely fixed errors and malfunctions relating to the operation of casino machines, both software and hardware.
- Verified jackpots, payouts and exchanged currency to provide patrons with coins or cash.

Soccer Coach at Grasshopper Soccer
February 2015 – February 2023

- Senior/Leadership role coordinating group of 8+ coaches coaching up to 200 young athletes per session.
- Organise and demonstrate drills to up to 50 students at a time and maintain a fast-paced session schedule.

Interests / Extracurricular

- NPL Soccer
- Film Making
- Gym

References

Available upon request

Joseph Keelagher

Melbourne, Victoria 3195

KeelagherJ@gmail.com

To whom it may concern,

I am writing to express my enthusiastic interest in an internship or work opportunity at your company. As a dedicated student pursuing a Bachelor of Science with a major in Computing and Software Systems at the University of Melbourne, I am eager to apply my burgeoning skills and passion for technology in a professional setting.

Over the course of my academic journey, I have developed a strong foundation in computer science, with a particular focus on programming languages including Python, C, Java and SQL. My coursework has exposed me to advanced sorting and search algorithms, and data structures, such as Dijkstra's/Prim's algorithms and Binary Search Trees, which have deepened my problem-solving abilities and analytical thinking.

One of my standout experiences has been applying my technical knowledge to real-world problems. I have utilized Python libraries like Pandas, BeautifulSoup, SciKit-Learn, and Matplotlib to gather and analyse data from the web, ultimately using machine learning techniques to generate predictive diagrams and tables. In addition, I have designed a database using MySQL Workbench and extracted data with SQL queries. These experiences have not only sharpened my coding skills but also demonstrated my ability to derive meaningful insights from data.

While I am approaching the end of my second year at the University of Melbourne, I am eager to gain practical industry experience. I understand the importance of hands-on experience in the field of software engineering and am committed to furthering my learning and contributing to innovative projects.

I believe that my technical skills, adaptability, and passion for creating efficient and elegant code align well with the opportunities presented by your internship program. I am excited about the possibility of contributing to your dynamic team and learning from industry experts.

Thank you for considering my application. I am eager to discuss how my skills and aspirations align with your company's. Please find my resume attached for your reference. I can be reached at KeelagherJ@gmail.com or at 0423 859 904 if you would like to further explore how I can contribute to your company.

Sincerely,

Joseph Keelagher