Sean Drury

Contact

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Summary

Detail-oriented computer scientist with a passion for solving complex problems and developing innovative software solutions. Experienced in Flutter, ERP systems, and data analytics, with strong technical and interpersonal skills. Seeking to contribute to impactful projects in IT, software development, or data science.

Technical Skills

Programming Language and Frameworks:
Python, PyTorch, TensorFlow, Scikit-learn, Pandas, Matplotlib, NumPy, BeautifulSoup
R, ggplot2, dplyr, tidyr
PHP, MATLAB, SQL, JavaScript, HTML, CSS, Flutter

Database/Server
My SQL, SQL Server, SQLite, Node.js

Other Software/Tools
Django, Git, Microsoft Office, Trello, Jira, Power BI, RStudio, Tableau

Skills

Hard Skills
Identifying Problems, Gathering Information, Experimentation, Data Analysis and Problem-Solving

Soft Skills
Attention to detail, Teamwork & Cooperation, Analysis, Organization, Communication, Creativity and Time management

Interests

Gymnastics: Competed at Level 9 in men's artistic gymnastics; now attend adult classes.

3D Printing: Passionate about 3D printing, including upgrading and modifying equipment.

Education

GRADUATE CERTIFICATE IN DATA ANALYTICS   2022
QUEENSLAND UNIVERSITY OF TECHNOLGY (QUT)

BACHELOR OF INFORMATION TECHNOLOGY   2020
QUEENSLAND UNIVERSITY OF TECHNOLGY (QUT)
- MAJOR – Computer Science
- MINOR – Intelligent Systems
  - This minor gave me an introduction to the field of robotics and intelligent systems technologies.
- MINOR – Mobile Applications
  - This minor developed my knowledge and skills to design and develop mobile application and my understanding of ubiquitous computing to the individual and enterprises.

DIPLOMA OF BUSINESS MANAGEMENT   2015
CAREERS AUSTRALIA

Work Experience

Graduate Software Developer
Clear Objective Limited   Jan 2023 – May 2024
- Contributed to the development of **Clear Enterprise**, an integrated ERP software solution.
- Designed and developed a **Flutter application** for scanning guns, improving operational efficiency.
- Supported system and database administration, including data structure design and testing.
- Collaborated with senior developers and consulting teams to address technical challenges.

Harvey Norman   Oct 2021 – Jan 2023
- Worked on the general floor area with customers, set up demo products, did stock take and repriced items.
- Worked in the on-site warehouse, handling inventory management of incoming shipments
- Handled online orders being dispatched to couriers in a timely manner

QUT Capstone Project – Brisbane City Council   2020
Lead Programmer
- Worked with the Brisbane City Council Department of Seal Planning and Architecture to develop a website to manage the naming of streets would lower their workload when naming streets.
- Developed a content management system (CMS) and a road naming search engine (PHP, Datamuse API, JavaScript, MySQL, Google Maps API)
- More information about the project can be found on my website.

Brisbane Performing Arts Challenge (BPAC)   2018, 2019, 2021, 2022
Front of House   2023, 2024
- Set up the square payment system, handled sales, online customer service and refunds.
- Set up a ticket scanning system to stop people fraudulently entering the auditorium without paying.
- Oversaw ticket sales exceeding $100,000 in gross sales each year.