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- Australian Citizen
 - Full rights to work in Australia
 - Fully vaccinated against Covid-19
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Recent graduate with a year of internship experience, seeking to start a career in data science.

Graduated with a Bachelors of Science from the University of Melbourne in July of 2022, majoring in Computing and Software Systems.

Interned for a year with the Digital Twin (DT) research team in CSDILA, and delivered several pieces of software complete with testing and documentation.

Detail-oriented analytical thinker, and a creative problem solver.

Skills Summary

Technical

- Experienced in a variety of programming languages (including Python, Java, C, C++, Javascript, Hascal, and R).
- Knowledgeable in programming paradigms and techniques, including object oriented programming (OOP) patterns and principles, functional programming, debugging, and test-driven development (TDD).
- Experienced in Agile/SCRUM methodologies and its associated tools (Jira, Confluence, Trello, BitBucket).
- Experienced with working via command line interface (CLI), zsh, bash, and writing shell scripts.
- Experienced in several data processing, 3D modelling and multi-threading libraries for Python (such as Numpy, Pandas, PyTorch, IFCOpenShell, Multiprocessing and TriMesh).
- Experienced with geospatial technologies such as Cesium, 3DTiles, Industry Foundation Classes (IFC), Building Information Models (BIM).
- Familiar with data science, processing and analysis, such as data cleaning and modelling, and dimensionality reduction.
- Familiar with many machine learning techniques and methods, including gradient descent, backward propagation, evolutionary algorithms, neural networks, deep neural networks and generative adversarial networks (GANs)).
- Familiar with relational database management (indexing, optimisation, etc.) and Structured Query Language (SQL).
- Experienced with various software suites such as MatLab, the Microsoft Office suite (Word, Excel, PowerPoint).

Inter-personal

- Able to assess and analyse interactions and relationships and gauge the chemistry of a team.
- Skilled and experienced in conflict-resolution and reaching satisfactory compromises.
- Excellent verbal and written communication skills.