

Grant Holtes

Melbourne, Australia
0404 288 322
gwholtes@gmail.com
www.grantholtes.com

EXPERIENCE

Deloitte Consulting, Melbourne — Senior Consultant

MARCH 2019 - PRESENT

Currently working as a software engineer and data scientist for Deloitte's Digital Twin solution. Previously had project roles as a computer vision engineer, technology strategy consultant and project manager.

- Managed small software engineering teams of to implement digital twin and machine learning solutions
- Data science advisory and implementation, including the development of a computer vision solution to analyse thousands of live CCTV feeds in a fog architecture
- Data analysis for financial, resource and workload planning, including advising payments of A\$100M+ and A\$10M+ in resourcing on a telecommunications construction project
- Extensive experience in project management, stakeholder management and executive presentations.

CreativeHub.io, London — R&D ML Engineer

JANUARY 2021 - MAY 2021

Contract role for creativehub.io. Developed a novel unsupervised computer vision model to quantify image style and allow users to search by image, with the aim of matching artists and marketing professionals.

- Developed machine learning models in Tensorflow and built API interfaces with Python
- Worked with the CTO and CEO to manage project requirements, timeline and budget

Queens College, Melbourne — Academic Tutor

MARCH 2017 - JUNE 2020

Taught undergraduate economics and econometrics students with a 99% pass rate.

Viburnum Funds, Perth — Intern

NOVEMBER 2017 - DECEMBER 2017

Viburnum Funds is an Australian private equity and strategic equities fund based in Perth.

- Provided research into potential investments
- Gained experience in valuing high growth technology companies

SKILLS

Machine Learning and
Computer Vision

Backend Software
Development

Stakeholder Management

Project Management

AWARDS

**Faculty of Business and
Economics Medal (2018)** for
achieving the highest GPA
average at graduation in the
faculty

**Faculty of Business and
Economics Dean's List (2016,
2017, 2018)**

**Duke of Edinburgh Award
Gold**

WORK RIGHTS

Australia

New Zealand

EU

SOFTWARE SKILLS

Python

Go

TensorFlow

Basic Networking

Docker

Basic Kubernetes

AWS development

Distributed systems

API development - GQL, REST
and gRPC

EDUCATION

University of Melbourne, Melbourne — *Graduate Diploma of Computer Science*

MARCH 2021 - JUNE 2023

The Graduate Diploma covers the equivalent of a major in Computer Science. This is a two year part time course. First class honours.

University of Melbourne, Melbourne — *Bachelor of Commerce*

MARCH 2016 - NOVEMBER 2018

Major in Finance and Economics, with additional studies in the fields of structural engineering and applied statistics. First class honours.

VOLUNTEER ACTIVITIES

The Wyvern Society, Melbourne — *Treasurer*

MAY 2019 - FEB 2023

Acting treasurer for The Wyvern Society, the alumni society for Queens College.

Big Brothers Big Sisters, Melbourne — *Treasurer*

AUG 2020 - DEC 2020

BBBS is a volunteer youth mentoring service, aiming to provide positive role models to young people

Look and Learn, London / Melbourne — *Data Scientist*

MAY 2019 - FEB 2023

Look and Learn is a large collection of historical imagery and illustration. I lead a proof of concept project to develop a search engine that captures art style

SIDE PROJECTS

Large language model knowledge engine

Used open source LLMs to develop a queryable knowledge engine with a distributed microservices architecture.

Spotify Playlist Optimisation

Reorder your spotify playlists to reduce jarring transitions between songs. Access at: www.grantholtes.com/smartshuffle

For a full list of side projects please see www.grantholtes.com