

David Connell

Personal Details

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Personal Statement

I am an enthusiastic, loyal, reliable and honest worker who can effectively work with minimal supervision; however, I also work well within a team environment. I am also a hardworking and capable individual who is highly motivated and willing to learn. Additionally, I possess excellent verbal, written communication, IT and problem-solving skills, and enjoy interaction with people of varying ages. I am also organised, pay attention to detail and have excellent time management skills. I believe that my attributes of diligence and a keen desire to learn will positively contribute to any software development company.

Educational Background

2020-2021	Coding Bootcamp (finishes February 2021) <i>University of Adelaide</i>
2008-2011	Bachelor of Engineering (Civil and Structural) with Honours <i>University of Adelaide</i>
2006	SACE 2 (TER 99.25) <i>Unley High School</i>

Previous Work Experience

1. **August 2020 – present:** I am currently engaged in an internship with Lumient, a bespoke software development organisation in Adelaide.
Responsibilities and skills developed:
 - Project worked on
 - Coding skills learnt
 - How teamwork made the dream work.
2. **June 2014 – August 2020:** I owned gardening franchises – firstly with Mr Clip and then with VIP Home Services.
Responsibilities included:
 - Provided quality gardening advice to clientele including landscaping design and plant choice;
 - Managed financial spreadsheets including job scheduling, profits, expenses and income;
 - Initiated and maintained excellent working relationships both with individual and corporate clients;
 - Employed casual employees as required - this required me to understand current award systems, taxation laws, superannuation requirements and VIP's HR policies and procedures.
3. **July 2017 to December 2017:** Worked at Downer Group as a Project Engineer at the Tailem Bend racetrack development.
Responsibilities included:
 - Managed documentation in relation to the quality of the project including ITPs, shift plans and daily job reports.
 - Collated test results for asphalt mixes and bitumen samples.
 - Site inspections of asphalt laid.
 - Conducted inductions for asphalt crews and other site personnel.
 - Maintained induction registers and lot registers.
4. **May 2013 to June 2014:** I work with Strutterre Consulting Engineers as a structural engineer doing house certification.
Responsibilities included:
 - Certified residential housing plans which included design of beams, masonry, bracing, footings, slabs and piles.
 - This involved understanding and application of AS1684, AS4100 and AS3700 Australian building codes.
 - Used CAD to mark-up certified plans ready for clients.
 - Used a variety of other relevant software such as Microstran in design beams and footings.
 - Assigned wind ratings to houses based on surrounding structures, landscapes and topography.
 - Designed retaining walls, swimming pools, brick fences and other outdoor structures such as pergolas.
 - Completed site inspections for slab reinforcements and compaction requirements.
 - Liaised with internal and external clients to ensure the effective and timely delivery of design plans.
5. **April 2012 to May 2013:** I worked with Fulton Hogan Construction as a site engineer on the construction of the Bunbury Port Access Road, Western Australia, Stage 2.

This was a \$60 million federally funded highways project and involved approximately 10 km of highway and dual carriageway, 3 roundabouts and 2 bridges.

Responsibilities included:

- Reported to the subcontracts manager.
- Coordinated and supervised the drainage installation, electric light installation and fence construction which involved:
 - Costing and budgeting, forecasting accurate costs to complete end of month reporting.
 - Sorting out design and technical issues (raising RFI's) and liaising with the design team to reach workable solutions.
 - Writing work method statements (construction procedures) and associated JSA's.
 - Ensuring all relevant work permits were in place.
 - Liaising with the project engineers to ensure that the drainage and electrical installation programmes fit in with the programme for each area of the job.
 - Ensuring the QA requirements for drainage and electrical were met in accordance with main road standards.
 - Communicating daily and overseeing the subcontractors responsible for these works.
 - Preparing costings for variations in the contract in drainage, fencing and electrical works.

Skills

Computer Skills

- Proficient in HTML, CSS.
- Familiar with javascript, python.
- Knowledge of Vue, SQL, Node.js
- Highly proficient in Microsoft Office, especially Word and Excel including ability to write macros.
- MS project
- JDE (the Fulton Hogan invoicing, costing and budgeting software)
- Project centre (the Fulton Hogan software for managing correspondence between us and our designers, client and subcontractors).
- CAD (Structerre)
- Microstran (Structerre)

Interests and Hobbies

- Sport: tennis, football, cricket.
- Photography - landscape and astrophotography.
- Socially play outdoor and indoor soccer, tennis

- Music – completed Grade 5 piano exam
- Meteorology

Referees

Mr. Jeremy Hochman

Senior project engineer at Downer

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