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)

                University of Adelaide

2008-2011   Bachelor of Engineering (Civil and Structural) with Honours

                University of Adelaide

2006   SACE 2 (TER 99.25)

Unley High School

Previous Work Experience

1. **August 2020 – present**: I am currently engaged in an internship with Lumient, a bespoke software development organisation in Adelaide. As well as the coding skills developed, working on websites in the 'real world' has taught me to focus on ensuring the website design is functional, stylish and intuitive to use. As I developed many of these coding skills before I started the course, they are self-taught – and then my course was able to deepen and broaden my knowledge of programming in Javascript, HTML/CSS and SQL.
   Skills developed:
   - Python – used as the back end with Flask.
   - Plotly in Python and Javascript – designed for visual data representation.
   - HTML, CSS and CSS frameworks in the development of a commercial website.
   - Javascript
   - Vue.js
   - PostgreSQL
   - Managing branches in GitHub.

2. **June 2014 – August 2020**: I owned gardening franchises – firstly with Mr Clip and then with VIP Home Services.
   Responsibilities included:
   - I learned many business skills such as financial management, job/time management, scheduling. marketing and maintaining positive relationships with clients during this period.

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.

4. **May 2013 to June 2014:** I work with Structerre 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.
   - Working with clients ensured that I combined strong problem solving skills with an understanding of client requirements.

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. <u>Responsibilities included</u>:
   - Coordinated and supervised subcontracts such as the drainage installation, electric light installation and fence construction.
   - This job gave me experience in project management: ensuring that the project was delivered according to a tight schedule whilst meeting budget.

Skills

Computer Skills

- HTML, CSS, javascript.
- Python with flask for backend development.
- Node.js
- Javascript frameworks: Vue and React.
- SQL: PostgreSQL and MySQL.
- Microsoft Office, especially Word and Excel including ability to write macros.
- MS project.
- CAD (Structerre)
- Microstran (Structerre)