Jacky Wong

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EDUCATION

Bachelor of Science (Computer Science)   **2022 – Present**
- University of New South Wales

Bachelor of Civil Engineering (Honours)   **2016 – 2019**
- University of New South Wales

Girraween High School   **2010 – 2015**
- ATAR: 98.15

PROFESSIONAL WORK PLACEMENT

Stantec   **April 2020 – Feb 2022**
Graduate Civil Engineer
- Produced detailed structural designs for water and sewage infrastructure as part of P4S.
- Completed detailed civil design for sewer network as part of P4S.
- Produced detailed civil and structural design for dam works in regional NSW.
- Developed FEA models and completed seismic analyses for major dam works in NSW.

DIONA Civil Engineering Contractors PTY LTD   **February 2019 – August 2019**
Undergraduate Engineer
- Complete weekly site progress reports to communicate the overall profits/losses of site activities.
- Conduct ITP inspections for underground cabling project to ensure items are actioned to plan.
- Produce quantity estimates for building components such as conduits & spacers for procurement.

PIETYTHP Construction PTY LTD   **March 2017 – August 2018**
Construction Cadet
- Complete pre-pour suspended slab and slab on ground ITP inspections to ensure quality control
- Produce construction programs to assist in trade coordination and project production
- Prepare concrete set-out and penetration drawings on AUTOCAD to assist the onsite construction surveyor.

SOFTWARE PROJECTS

COMP1531 SOFTWARE ENGINEERING FUNDAMENTALS – WEB SERVER
- Developed backend features for a website that mimicked the functions of Microsoft Teams, where a user can login, be authenticated, create channels and messages while performing basic features in a chatroom.

BASIC JAVASCRIPT GAME – FLAPPY BIRD
- Implemented basic stylistic features to mimic the frontend of a flappy-bird game in CSS and HTML, and corresponding backend functions to implement the mechanics of the game. The game uses a basic shape as the character and blocks as the obstacles, with a basic counter to keep track of score.

SKILLS

Software: C, JavaScript, Typescript, HTML, CSS

REFEREES

Available Upon Request