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WILLIAM COULTER

Penultimate year, undergraduate student at the University of New South Wales studying a Bachelor of Software Engineering (Honours) with a distinction weighted average mark. Born in Darwin, Northern Territory and grew up in Young, New South Wales. Graduated High School in 2015 from Canberra Grammar School.

PROFESSIONAL EXPERIENCE

Geora, Sydney – *Software Developer (Full-Stack)*

June 2019 – Present

- Full-stack developer, leveraging blockchain for agricultural asset management, providing traceability and security along the food supply-chain.
- Liaised with customers to learn their problems and transform these into tangible solutions.

AgriDigital, Sydney – *Developer Intern (Backend)*

April 2019 – May 2019

- Assisted in writing test-suites for new features that the platform was developing.
- Learned about the agricultural supply-chain and gained insight into the problems that Australian farmers are faced with.
- Acquired practical experience for using my skills as an engineer to think critically about real-world problems.

Abby Health, Sydney – *Software Developer (AI)*

January 2021 – Present

- Worked alongside medical professionals to develop a PoC to assist in palliative care for patients living with cancer.
- Used Google AutoML and DialogFlow to construct an NLP solution that extracts usable data from unstructured patient dialogue.

Bowie Insights, Sydney – *Software Developer (Tech Lead)*

March 2019 – October 2020

- Tech Lead in developing the 'Patchly' solution, providing elite E-Sport organisation with transparency and granularity on game data.
- Liaised with Australian E-Sports organisations to discuss an MVP product, receive feedback and maintain professional relationships.

Back To Back Financial Planning, Young & Canberra – *Paraplanner*

November 2015 – January 2018

- Produced comprehensive financial documents for clients, requiring close consulting with client and planner.
- Acquired knowledge on investment strategy, asset and debt analysis, insurance needs and complex financial-entities.
- In 2015, the practice was awarded the AMP “National Practice of the Year” for outstanding financial advice.

EDUCATION

University of New South Wales, Kensington – *Bachelor of Engineering (Honours, Software)*

March 2017 – Present, Sydney

- Distinction weighted average mark.
- House Treasurer (Executive of the House Committee) for Basser College 2018.
- Graduating end of 2021.

EXTRACURRICULAR EXPERIENCE

House Treasurer & Executive of the House Committee – *Basser College Society*

November 2017 – November 2018, Sydney

- Managing a budget of over \$120,000, distributing funds across 5 major portfolios with over 100 events for 160 residents, requiring extensive bookkeeping, analysis and communicative skills.
- Alongside the House President and Secretary, provided strategy and vision for the college.

SKILLS

- Effective leader
- Independent learner
- Strong in team environments
- Passionate communicator

SYSTEMS & LANGUAGES

- Python
- Typescript
- Java
- PostgreSQL
- GoLang
- Elm
- Haskell
- Solidity
- Docker
- GraphQL
- AWS Cloud
- Kubernetes

INTERESTS

- Music (marimba and kit)
- Triathlete
- UNSW Table Tennis
- UNSW Rugby Club
- Netball
- Physics