

George Townsend

george@georgetownsend.com

Newcastle, Australia

WORK EXPERIENCE

- **Spontaneous Marketing Concepts**
Door to Door Sales - Northern Rivers, NSW
Independent salesman promoting monthly donations to the Children's Cancer Institute. Part of a small team based in Tweed Heads and working throughout the Northern Rivers.
January - March 2020
- **Flying Fox Hostel**
HelpX Volunteer - Katoomba, NSW
Housekeeping, gardening, and labouring duties performed in exchange for board and lodging.
October 2020
- **Venue Industry Professionals (VIPeople)**
Customer Service - McDonald Jones Stadium, NSW
Ticketing at the gate, ushering to seats, assisting with general enquiries.
May 2021 - Present

EDUCATION

- **Higher School Certificate**
Wollumbin High School
2019
- **Bachelor of Surveying (Honours)**
University of Newcastle
2021-2024

LEADERSHIP

- **Exchange Student to The Netherlands**
Ten months study abroad
January - October 2018
- **Wollumbin High School Captain**
Head of the student council
2019
- **Wollumbin Robotics Club Co-Founder**
Principal student contributor
2019

HOBBIES & INTERESTS

- **Technological**
Linux, Python, Bash, Docker, Git, L^AT_EX
- **General**
Travel, Mathematics, Chess, Photography, Podcasts

CURRENT PROJECTS

- **FTP Archiver**
A program to download, archive, and graph economic and player data from the online fantasy cricket game 'From The Pavilion' (FTP).
Python, Pandas, Matplotlib
- **Fractal Shader**
A program to view, explore, and export images of the Mandelbrot and Julia sets, implemented on the GPU using CUDA.
Python, NumPy, Numba, PyGame
- **Smart Home**
Locally hosted home automation server, dynamically controlling lights, temperature, and appliances based on a set of rules.
HomeAssistant, Google Home

VOLUNTEERING

- **De Stofwisseltour (Cycling Tour)**
Support / Photographer
June 2018
- **Falls Festival**
Warehouse and logistics
New Years 18/19
- **Woodford Folk Festival**
Payment services (Square) technical support
New Years 19/20
- **Elements Festival**
Workshop assistant
October 2020