

Hunter Thorpe

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github.com/hunterthorpe

hunterthorpe.me

Profile

Enthusiastic and motivated 2nd year Bachelor of Science student at the University of Melbourne preparing to double major in Data Science, and Computing and Software Systems.

Skills

- **Languages** – Python, C, Java, SQL, R Javascript, HTML and CSS
- **Frameworks and Systems** – Bootstrap, Git and Bash
- **Software Packages** – Matlab, Maple, Microsoft office, Google office tools

Education

The University of Melbourne – Bachelor of Science (2nd Year)

- Weighted Average Mark (WAM): **78.00**
- Preparing to major in both **Data Science**, and **Computing and Software Systems**
- **First Class Honors**: Elements of Data Processing, Foundations of Computing, Principles of Business Law, and Calculus 1
- **Second Class Honors**: Foundations of Algorithms, Design of Algorithms, Foundations of Information Systems, Biology of Cells and Organisms, and Probability for Statistics
- **Third Class Honors**: Linear Algebra
- Currently awaiting results for Statistics, Object Orientated Software Design, and Database Systems
- Member of the Competitive Programming and Information Security Clubs
- Statement of Results attached.

St Bernard's College – VCE: 94.95 ATAR

Projects

Resource Tracker – hunterthorpe.me/sourcelist

- Created using HTML, CSS, Javascript and Bootstrap
- Uses local storage to track and record resources used when researching

Comparing classification algorithms using life expectancy data

- Classifying countries as having Low, Medium or High life expectancy using World Development Indicators and World Health Organization data
- Comparing KNN and Decision Tree classifiers,
- Comparing different methods of feature engineering and selection
- Written in Python using the sklearn and pandas libraries

Noughts and Crosses Browser Game - hunterthorpe.me/xando

- Player plays as Noughts vs the Computer which plays as crosses
- Page tracks game record including wins, losses and ties, using local storage

- Written in html, css and javascript with jquery.

Pool water testing and customer database program

- Manage and record customer's details and test history via csv files
- Create, read, update, delete and search functionality
- Creates an informative test printout based on test results using html and css
- Written in Python using the Tkinter library

Further details, code, and other projects available at hunterthorpe.me

Experience

Greenhouse Pools and Spas: Sales Assistant. Dec 2018 – Current (24 months)

- Responsible for water testing, data entry and management, making sales, store organization, and general admin
- References: Store Directors- Fabio Marzella (fabiom@ghpools.com.au), and Merita Marzella (meritam@ghpools.com.au)

Mathstar Tutoring: Mathematics and English Tutor. Apr 2019 – Sep 2019 (6 months)

- Tutored at a primary school and secondary school level
- Reference: Manager- Sheryn Chen (info@mathstar.com.au)

McDonald's Highpoint Kitchen Staff – 2016 Nov – 2018 Jan (14 months)

- Excelled in a high pressure team environment

Walter and Eliza Hall Institute Work Experience- June 2016 (1 month)

- Responsible for data entry, operating certain technical equipment and preparing a relevant report

NWMCA and EDFL Umpiring- Apr 2015 – Feb 2017 (22 months)

- Officiated a variety of junior and senior, football and cricket matches
- Developed skills in communication, decision making, cash handling and teamwork

Extracurricular Activities

- Volunteer tutor at St Alban Community Centre 2017 (2 months)
- DAV and ACC interschool debating 2014-2017 (3 years)