

# Hunter Thorpe

hjthorpe@student.unimelb.edu.au

github.com/hunterthorpe  
hunterthorpe.me

Profile	Enthusiastic and motivated 2 <sup>nd</sup> year Bachelor of Science student at the University of Melbourne preparing to double major in Data Science, and Computing and Software Systems.
Education	<p><b>The University of Melbourne – Bachelor of Science (2<sup>nd</sup> Year) .</b></p> <ul style="list-style-type: none"><li>▪ Weighted Average Mark (WAM): <b>78.00</b></li><li>▪ Preparing to major in both <b>Data Science</b>, and <b>Computing and Software Systems</b></li><li>▪ <b>First Class Honors</b>: Elements of Data Processing, Foundations of Computing, and Calculus 1</li><li>▪ <b>Second Class Honors</b>: Foundations of Algorithms, Design of Algorithms, Foundations of Information Systems, and Probability for Statistics</li><li>▪ Member of the Competitive Programming and Information Security Clubs</li><li>▪ Statement of Results attached.</li></ul> <p><b>St Bernard's College – VCE: 94.95 ATAR</b></p>
Projects	<p><b>Personal Website – hunterthorpe.me</b></p> <ul style="list-style-type: none"><li>▪ Created using html, css, javascript and bootstrap</li><li>▪ Displays completed projects, papers and articles, and resume</li></ul> <p><b>Comparing classification algorithms using life expectancy data</b></p> <ul style="list-style-type: none"><li>▪ Classifying countries as having Low, Medium or High life expectancy using World Development Indicators and World Health Organization data</li><li>▪ Comparing KNN and Decision Tree classifiers,</li><li>▪ Comparing different methods of feature engineering and selection</li><li>▪ Written in Python using the sklearn and pandas libraries</li></ul> <p><b>Pool water testing and customer database program</b></p> <ul style="list-style-type: none"><li>▪ Manage and record customer's details and test history via csv files</li><li>▪ Create, read, update, delete and search functionality</li><li>▪ Creates an informative test printout based on test results using html and css</li><li>▪ Written in Python using the Tkinter library</li></ul> <p><b>Further details, code, and other projects available at hunterthorpe.me</b></p>
Experience	<p><b>Greenhouse Pools and Spas: Sales Assistant. Dec 2018 – Current (20 months)</b></p> <ul style="list-style-type: none"><li>▪ Responsible for water testing, data entry and management, making sales, store organization, and general admin</li><li>▪ Developed Pool water testing and customer database program in an attempt to replace a previously used dated software</li></ul>

	<ul style="list-style-type: none"> <li>References: Store Directors- Fabio Marzella (fabiom@ghpools.com.au), and Merita Marzella (meritam@ghpools.com.au)</li> </ul> <p><b>Mathstar Tutoring: Mathematics and English Tutor. Apr 2019 – Sep 2019 (6 months)</b></p> <ul style="list-style-type: none"> <li>Tutored at a primary school and secondary school level</li> <li>Reference: Manager- Sheryn Chen (info@mathstar.com.au)</li> </ul> <p><b>McDonald's Highpoint Kitchen Staff – 2016 Nov - 2018 Jan (14 months)</b></p> <ul style="list-style-type: none"> <li>Excelled in a high pressure team environment</li> </ul> <p><b>Walter and Eliza Hall Institute Work Experience- June 2016 (1 month)</b></p> <ul style="list-style-type: none"> <li>Responsible for data entry, operating certain technical equipment and preparing a relevant report</li> </ul> <p><b>NWMCA and EDFL Umpiring- Apr 2015 – Feb 2017 (22 months)</b></p> <ul style="list-style-type: none"> <li>Officiated a variety of junior and senior, football and cricket matches</li> <li>Developed skills in communication, decision making, cash handling and teamwork</li> </ul>		
<b>Skills</b>	<p><b>Languages</b></p> <ul style="list-style-type: none"> <li>Python</li> <li>C</li> <li>HTML and CSS</li> <li>Java</li> <li>Javascript</li> <li>SQL</li> <li>R</li> </ul>	<p><b>Frameworks and Systems</b></p> <ul style="list-style-type: none"> <li>Bootstrap</li> <li>Git</li> <li>Bash</li> </ul>	<p><b>Software Packages</b></p> <ul style="list-style-type: none"> <li>Maple</li> <li>Matlab</li> <li>Microsoft Office</li> <li>Google's Office Tools</li> </ul>
<b>Extracurricular Activities</b>	<ul style="list-style-type: none"> <li>Volunteer tutor at St Alban Community Centre 2017 (2 months)</li> <li>DAV and ACC interschool debating 2014-2017 (3 years)</li> </ul>		
<b>Personal Attributes</b>	<ul style="list-style-type: none"> <li>Hard Working</li> <li>Fast and Willing Learner</li> <li>Dedicated Team Member</li> <li>Great Communicator</li> </ul>	<ul style="list-style-type: none"> <li>Punctual</li> <li>Organized</li> <li>Leadership Skills</li> <li>Attention to Detail</li> </ul>	