

# THARATORN SUPASITI

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## SKILLS

Languages	Python, JavaScript, HTML5, CSS, C#
Libraries /Frameworks	.NET Core, Xamarin Forms, Keras/Tensorflow, Opencv, Numpy
Soft Skills	Agile environment

## PROGRAMMING PROJECTS

June 2021	<b>CryptFolio</b> <i>HTML5, CSS, JavaScript</i> <ul style="list-style-type: none"><li>An app that allows the user to see visually the value of their cryptocurrency portfolio.</li><li>Responsible for developing all the API requests.</li></ul>
June 2021	<b>Weather Dashboard</b> <i>HTML5, CSS, JavaScript</i> <ul style="list-style-type: none"><li>A weather dashboard that allows users to get current and the next 5-day weather data for a city they are interested in.</li></ul>
June 2021	<b>Code Quiz</b> <i>HTML5, CSS, JavaScript</i> <ul style="list-style-type: none"><li>A lightweight quiz app that tests your knowledge on JavaScript.</li></ul>
July 2020 to Present	<b>App Developer, The Crux Climbing</b> <i>C#, Xamarin Forms</i> <ul style="list-style-type: none"><li>Currently developing a mobile app for climbing training using C# and Xamarin Forms as part of a small team.</li><li>Responsible for front-end design of the app, including developing design features and working on database structure.</li></ul>
August 2019 to June 2020	<b>Co-founder, Climbing Portal</b> <i>Python, Tensorflow, Keras</i> <ul style="list-style-type: none"><li>Developed basic machine learning algorithms for image segmentation using Keras/Tensorflow library in Python.</li></ul>

## EDUCATION

May 2020 to present	<b>Monash University Coding Bootcamp</b> <i>Monash University</i> <ul style="list-style-type: none"><li>Currently attending a coding bootcamp on full stack development</li></ul>
May 2009 to November 2014	<b>PhD in Pure Mathematics</b> <i>University of Melbourne</i> <ul style="list-style-type: none"><li>Completed PhD in Geometric Group Theory and Low-Dimensional Topology titled: 'Flats and Essential Tori in Spaces with Polyhedral Metrics'</li><li>Awarded the Science Faculty Scholarship (2009)</li><li>Responsible for organising the 2010 Victorian Mathematics and Statistics Students' Conference</li></ul>
March 2003 to November 2008	<b>Bachelor of Science (Honours)</b> <i>University of Melbourne</i> (86.37%, First Class Honours) <ul style="list-style-type: none"><li>Completed Honours thesis in Pure Mathematics titled: 'Tree for <math>SL(2, C((t)))</math>'</li></ul>

- Awarded the Melbourne Abroad Scholarship to study at Imperial College, London (September 2006 to June 2007)
- Recognised on the Dean's Honour List (2003, 2004, 2005)

## WORK EXPERIENCE

<i>July 2020 to Present</i>	<b>Head Route Setter,</b> <ul style="list-style-type: none"> <li>• Responsible for supervising and managing a team of route setters to design high-quality indoor climbing routes in a bouldering gym in Coburg North.</li> <li>• Further responsibilities include training new route setters, ensuring compliance with industry safety standards, and designing and implementing solutions to improve business operations.</li> </ul>	<i>Crux Bouldering</i>
<i>January 2018 to 2020</i>	<b>Founder,</b> <ul style="list-style-type: none"> <li>• Founded a coaching service and designed personalised training programs for clients seeking to improve their climbing ability.</li> <li>• Contracted to set indoor climbing routes for the opening of Archer Boulders in Kalgoorlie, Western Australia.</li> </ul>	<i>SendLAB</i>
<i>March 2016 to October 2020</i>	<b>Climbing Instructor,</b> <ul style="list-style-type: none"> <li>• Key responsibilities included setting indoor climbing routes, handling customer service and managing the gym environment.</li> <li>• Route setter for the 2016 and 2019 Victorian Boulder Titles.</li> <li>• Awarded top prize in 2016 Northside Setter's Competition.</li> </ul>	<i>Northside Boulders</i>
<i>September 2013 to December 2016</i>	<b>Trader,</b> <ul style="list-style-type: none"> <li>• Traded various asset classes, including equities and forex, using statistical analysis to identify trading opportunities.</li> </ul>	<i>Self-Employed</i>
<i>November 2014 to December 2016</i>	<b>Website Manager,</b> <ul style="list-style-type: none"> <li>• Responsible for day-to-day management and maintenance of the website, including updating content, editing blog posts and designing visual elements.</li> </ul>	<i>Supa Dental Clinic</i>
<i>May 2010 to June 2014</i>	<b>Tutor,</b> <ul style="list-style-type: none"> <li>• Provided tutorials to, and marked assignments and exams for, students studying Calculus 1, Calculus 2 and Linear Algebra.</li> </ul>	<i>University of Melbourne</i>