

THARATORN SUPASITI

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SKILLS

- **Languages:** C#, Python, JavaScript
- **Frameworks:** .NET Core, Xamarin Forms, Keras/Tensorflow, Opencv, Numpy
- **Other:** HTML, CSS, Latex, R

PROGRAMMING PROJECTS

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| July 2020 to Present | App Developer , The Crux Climbing <ul style="list-style-type: none">• Currently developing a mobile app for climbing training using C# and Xamarin Forms as part of a small team.• Responsible for front-end design of the app, including developing design features and working on database structure. |
| August 2019 to June 2020 | Co-founder , Climbing Portal <ul style="list-style-type: none">• Developed basic machine learning algorithms for image segmentation using Keras/Tensorflow library in Python. |

EDUCATION

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

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

REFERENCES

Asama Qureshi

Co-founder

The Crux Climbing

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Aaron Caratelli

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Emeritus Professor Hyam Rubinstein

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