

THARATORN SUPASITI

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github.com/Supasiti

supasiti.github.io/portfolio



SKILLS

Languages	JavaScript, HTML5, CSS, Python, C#
Libraries /Frameworks	NodeJS, ExpressJS, MySQL, Sequelize, .NET Core, Xamarin Forms, Keras/Tensorflow, Opencv, Numpy
Soft Skills	Agile development

PROGRAMMING PROJECTS

August 2021 to present	Boulder Live • A web app that allows a climbing competition organiser to host an event so that any competitors can update their own scores. • Currently in development	NodeJS, ExpressJS, MySQL, JavaScript
August 2021 to present	Bee Strong • A web app that allows a trainer to post their fitness content so that students can view and use the content that they offer. • Fully deployed in Heroku.	NodeJS, ExpressJS, MySQL, JavaScript
August 2021	Tech Blog • A web app that allows a blog to post their content and anyone to comment on it. • Fully deployed in Heroku.	NodeJS, ExpressJS, MySQL, JavaScript
July 2020 to Present	App Developer, The Crux Climbing • 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.	C#, Xamarin Forms
August 2019 to June 2020	Co-founder, Climbing Portal • Developed basic machine learning algorithms for image segmentation using Keras/Tensorflow library in Python.	Python, Tensorflow, Keras

EDUCATION

May 2020 to present	Monash University Coding Boot camp • Currently attending a coding bootcamp on full stack development • Consistently achieved high grades	Monash University
May 2009 to November 2014	PhD in Pure Mathematics • Completed PhD in Geometric Group Theory and Low-Dimensional Topology titled: 'Flats and Essential Tori in Spaces with Polyhedral Metrics' • Awarded the Science Faculty Scholarship (2009)	University of Melbourne

March 2003 to
November 2008

Bachelor of Science (Honours)
(86.37%, First Class Honours)

University of Melbourne

- Completed Honours thesis in Pure Mathematics titled: 'Tree for $SL(2, C((t)))$ '
- 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

July 2020 to Present

Head Route Setter,

Crux Bouldering

- Responsible for supervising and managing a team of route setters to design high-quality indoor climbing routes in a bouldering gym in Coburg North.
- 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 2020

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.