

# ABHISHEKH SHANKAR

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## SUMMARY

Current Master of Statistics and Operations Research student with a passion for technology, learning, and innovation through data. Professional, creative, and a flexible team player with proven analytical skills. Seeking opportunities to leverage skills in data analysis and research.

## EDUCATION

**Master of Statistics and Operations Research** March 2017 to Present  
RMIT University 2019

**Bachelor of Science (Mechanical Systems)** March 2013 to Nov. 2016  
University of Melbourne 2016

## PROJECTS

**Time Series Analysis of Bitcoin Price Data** April 2018 to June 2018  
Successfully fit an ARMA and GARCH model to Bitcoin daily closing price data and forecasted the following 10 days using R. Project completed in conjunction with the RMIT University subject: "MATH1318 - Time Series Analysis".

**Development of a Hand Prosthesis** Aug. 2016 to Nov. 2016  
Worked in a team to design and fabricate an autonomous hand prosthesis in conjunction with the University of Melbourne subject: "MCEN30019 - Mechatronics System Design".

**WARMAN 2015 Design and Build Competition** June 2015 to Sept. 2015  
Competed in a team to design and fabricate an autonomous robot in order to fulfill the tasks set out by the competition guidelines. Completed in conjunction with the University of Melbourne subject: "MCEN30014 - Mechanical Design".

## EMPLOYMENT

**Planex Sales** Hallam, Victoria  
Welder Nov. 2015 to Feb. 2018

- Produced and assembled storage units using panel bending, pressing machines, welding, and power tools.
- Designed and built rigs to test products to ensure they met industry standards.

**Aspendale Gardens Fish and Chips** Aspendale Gardens, Victoria  
Junior Manager Sept. 2010 to Aug. 2015  
Assisted in the preparation, cooking, and service of orders alongside general maintenance of the store and customer service.

**Private Tutor** Melbourne, Victoria  
Self-Employed Feb. 2013 to Dec. 2015  
Assisted students in the successful completion of the VCE curriculum in Further Mathematics, Mathematical Methods, Physics, Chemistry, and Literature.

## VOLUNTEERING

**Melbourne Space Program - Flight Vehicle Team Leader**  
Melbourne, Victoria

Lead the Flight Vehicle team in the development of a 1U-Cube satellite. Previously worked in the Structural and Flight Systems teams.

**University of Melbourne Endeavour Expo**  
Carlton, Victoria

Showcased the WARMAN 2015 autonomous robot to secondary school students.

## SKILLS

**SOFTWARE:** Java, C, R, MATLAB, Excel, SQL, SAS

**COURSEWORK:** Time Series Analysis, Bayesian Probability and Statistics, Multivariate Analysis, Object-Oriented Programming, Optimisation, Modelling

## REFERENCES

A full list of references is available upon request.