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 optimisation.

EDUCATION

Master of Statistics and Operations Research Mar. 2017 to Present
RMIT University 2019

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

PROJECTS

Bayesian Analysis of Melbourne House Prices Aug. 2018 to Sept. 2018
- Successfully fit a JAGS model to a Melbourne property price dataset using R and forecasted property prices.

Time Series Analysis of Bitcoin Price Data Apr. 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.

Development of a Fictional Rental Property Application July 2018 to Present
- Utilised an MVC architectural pattern for the application.
- Developed a GUI using JavaFX.
- Utilised an HSQLDB as an embedded database for data management.

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 Mar. 2016 to Mar. 2017
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 Oct. 2015 to Oct. 2015
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.