

# Yi Tang

## PERSONAL DETAILS

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*Address*                      Leeds, willing to relocate  
*Contact*                      07445510033  
*Mail*                              yi.tang.uni@gmail.com  
*Website*                      yitang.uk

## PROFESSIONAL PROFILE

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Statistician with 5 years experience in R programming. Has professional experience in high performance computing, statistical analysis and environmental data. Enjoy working in a pressurised and multidisciplinary environment.

## EXPERIENCE

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### Statistician

2014 – Now

*JBA Risk Management, Full-time*

- Model hurricane track/intensity, rainfall and river flow
- Develop C++11 program to generate flood eventset
- Write R packages to automate the QA process
- Manage a statistical consultancy project for Environmental Agency
- Organise the Stats/R Focus Group

### Student

2013 – Now

*Coursera*

- Reproducible Research, pass with distinction
- Developing Data Products, pass with distinction
- Crafting an Effective Writer, in progress

### Graduate Assistant

Summer 2012

*University of Wolverhampton*

- Build robust model to deal with data error
- Implement algorithms in C++ (GSL library) and MATLAB
- Evaluate models using simulated data

## SKILLS

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- **Computer:** Proficients user of R, Emacs, C++11, LaTeX, SQL
- **Language:** Native Chinese speaker, fluent in English

## INTERESTS

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- Experiment quantified-self project for personal and professional life
- Train myself to be half-marathon runner

## EDUCATION

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### Msc in Statistics

2012 – 2013

*University of Warwick*

Modules include Advanced Topics in Statistics, Topics in Applied Probability, Monte Carlo Methods, Bayes Theorem and Decision Making, Financial Time Series

Dissertation: Data Analysis of Laser Communication System

- Investigate the difference between model and experiment via data
- Report the statistical findings to non-statistician
- Analyst 300 Million data in R/SQL/C++

### Bsc (Hons) in Mathematical Sciences: 1<sup>st</sup> Class

2009 – 2012

*University of Wolverhampton*

Modules include Advanced Statistics, Pure Mathematics, Operational Research and Employability Skills

Dissertation: Statistical Modelling in Brain Imaging Data in R

- Apply Diffusion Tensor Imaging (DTI) and regression model
- Extract the information for clinical diagnosis
- Analyst 4 dimensional data in R

### Mechanical Engineering

2008 – 2009

*Changsha University of Science and Technology, China*

### High School

2005 – 2008

*No.3 High School, Huaihua City, China*

## REFERENCES

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Available upon request