boris**pfahringer**

computer science / math

about

7 Sutton Crescent
Hamilton 3216
New Zealand

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languages

Fluent in
English & German

programming

Java, Python, C
HTML, JS, CSS
♥ Haskell

profile

As an analytical and passionate professional, I hold an academic interest in formal methods, algorithms and networks. I am looking to develop my skills as a programmer and to increase my knowledge of developing sound robust software and esoteric maths while contributing my skills and passion to an innovative and professional organisation.

I hold a demonstrated ability in computer science and mathematics as shown by my involvement in the New Zealand Olympiad in Informatics, and competing twice at the International Olympiad in Informatics in Sofia, Bulgaria and Waterloo, Canada, being awarded a bronze medal at both. Since then I have volunteered annually at the NZOI's summer training and selection camp and helped local candidates in their contest preparations.

Outside of academia, I enjoy playing soccer at the Unicol Football Club's top mens' Federation team. I also regularly practise pilates and ballroom dancing.

education

Since 2010 **BCMS** candidate (GPA: 9.0) *University of Waikato*
Majoring in Computer Science and Mathematics
Completed three of four years

Late 2012 **Academic Exchange** *University of California, Santa Barbara*
One semester academic exchange to UC Santa Barbara. Currently in progress.

experience

2011–2012 **Part-time Software Developer** *Anvil Labs*
Construction and maintenance of web properties for local businesses, such as IKON Commercial, The Lawrenson Group, Central Collections. (Python/Django + HTML5)

2011–2012 **Research Assistant** *University of Waikato*
Developed a compiler and IDE for the research language JStar, currently being used to teach Extremely Parallel Programming at the university. (Java/Xtext)

2011 **Seasonal Assistant** *University of Waikato*
Marked assignments, tests, and tutored practical lab sessions for a paper in Logic and Computation.

2010 **Research Programmer** *University of Waikato*
Helped develop scamper, a free network testing and mapping tool. (C)

honours

2011	Millennium Prize in Mathematics	University of Waikato
2011	Prize for Excellence	University of Waikato Alumni Association
2009–2011	Three Summer Research Scholarships	University of Waikato
2010–2011	Dean's Award for Excellence	University of Waikato
2010	Von Neumann Prize in Mathematics	University of Waikato
2009–2010	Two Bronze Medals	International Olympiad in Informatics
2009	Computer Science Entrance Scholarship	University of Waikato
2009	Outstanding Scholar Award	New Zealand Qualifications Authority

referees

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