borispfahringer

computer science / math

about

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languages

bilingual
english/german

programming

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

profile

I'm a computer science and mathematics student at the University of Waikato. My direction academically is towards formal methods, algorithms and networks. I'm looking to develop as a programmer and to learn as much about developing sound robust software, and esoteric maths as I can.

I have been involved with the New Zealand Olympiad in Informatics, 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 Computer Science, I enjoy playing soccer at the Unicol Football Club for the men's Federation 1 team. I also regularly practise pilates and ballroom dancing.

education

since 2010	**BCMS** candidate (GPA: 9.0)	Waikato University
	Majoring in Computer Science and Mathematics	

experience

since 2011	**Part-time Software Developer.**	Anvil Labs, Hamilton
	Construction and maintenance of promotional websites. (Python + HTML5)	
2011–2012	**Research Scholarship**	University of Waikato, Hamilton
	Develop a compiler and IDE for the research language JStar. Developed using Java and Xtext, currently being used to teach Extremely Parallel Programming at Waikato.	
07–11 2011	**Seasonal Assistant**	University of Waikato, Hamilton
	Marking assignments, tests, and tutoring students during practical lab sessions in the paper Logic and Computation.	
08–10 2010	**Research Programmer**	University of Waikato, Hamilton
	Development on scamper, an open source network testing and mapping tool. (C)	

honours

2011	Millennium Prize in Mathematics	University of Waikato
2011	Prize for Excellence	UoW Alumni Association
2009–2011	Summer Research Scholarship	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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