

Patrik Gerber

Corpus Christi College, Merton Street – Oxford – United Kingdom

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Education

University of Oxford

Oxford, UK

Mathematics and Statistics MMath

October 2015–present

Main areas of study are Statistics, Probability and Analysis. Cumulative grade: first class.

Bolyai Janos Grammar School

Kecskemet, Hungary

High School student

September 2011–June 2015

Took 6 subjects at the Hungarian Matura with an average of 96%.

Experience

Institute for Pure and Applied Mathematics, UCLA

Los Angeles, California

Research Intern

June 2018–present

Working in the area of Deep Reinforcement Learning, looking at improving robustness of standard algorithms in the face of changes in the learning environment. We utilize Tensorflow as our Deep Learning framework, using video games such as the classic Atari games as our benchmarks.

Softwire

London, UK

Software Engineering intern

July 2017–September 2017

Worked in a team of 6 building a web application from scratch using Typescript, with Angular and Firebase. Gained familiarity with Git, CI pipelines, unit testing and agile software development principles, and learnt to adapt to new technologies quickly and independently.

Awards

Department of Statistics Prize - Department of Statistics, University of Oxford

Awarded to the top student studying Mathematics & Statistics

Gibbs prize - Department of Mathematics, University of Oxford

Awarded to the top 2 students studying either Mathematics or Mathematics & Statistics

Mathematics Graduate Record Examination

Scored in the 93rd percentile worldwide

Other Interests

Music

As an avid amateur pianist for 15 years, I've had the opportunity to play with various other musicians and even a small orchestra. I most enjoy playing classical music from the 20th and 19th centuries.

Sport

I row and play pool at the college level. Outside of university sports I enjoy playing tennis and skiing.