

Paul Julian Pritz

EDUCATION

Imperial College London

PhD in Computer Science

- Research in Reinforcement Learning with applications in networking, supervised by Prof. Kin K. Leung
- Funded by the *Imperial College London Teaching Scholarship*

London, United Kingdom

2019 - 2022

Imperial College London

MSc Computing Science

- Grade: Distinction
- Received a full scholarship from the *German Academic Scholarship Foundation*

London, United Kingdom

Class of 2019

King's College London

BSc (Hons) Economics and Management

- Grade: First Class Honours - 82%

London, United Kingdom

Class of 2018

University of Goettingen

BSc Mathematics - Introductory Semester

- Modules: Analytical Geometry & Linear Algebra, Differential and Integral Calculation

Goettingen, Germany

Sep 2014 - Apr 2015

Theodor-Heuss-Gymnasium

Abitur - Grade Average: 1.3

Goettingen, Germany

Class of 2014

Christ College Brecon

GCSE - 8 A*, 3 A, 1 B

Wales, United Kingdom

Class of 2012

WORK EXPERIENCE

Pandata GmbH

Freelance Data Scientist

- Working on several data science and business intelligence projects

Berlin, Germany

Since Aug 2020

The Boston Consulting Group

Intern

- Worked on a machine learning-based forecasting tool for a major automaker
- Supported the implementation of the model pipeline and forecast optimization in Python

Munich, Germany

Aug 2018 - Sep 2018

d-fine GmbH

Intern

- Supported the conception and implementation of a credit data system for a national central bank
- Developed statistical tools and a data validation system in Python

Frankfurt, Germany

Jun 2018 - Jul 2018

Stifel Financial Corp

Investment Banking Summer Analyst

- Completed rotations in the Investment Funds and Industrials teams in ECM and M&A

London, United Kingdom

Jul 2017 - Sep 2017

CVCapital

M&A Summer Analyst

- Prepared full operating models and company valuations for Chinese outbound M&A projects

Munich, Germany

Jun 2017 - Jul 2017

Malamut Team Catalyst GmbH

Student Assistant

- Assisted with the validation and implementation of psychometric tests

Goettingen, Germany

May 2015 - May 2017

Sailing School Bennewitz

Summer Sailing Instructor

- Responsible for the co-ordination of sailing lessons, leading a team of instructors

Heiligenhafen, Germany

2014 - 2016

PUBLICATIONS

Paul J. Pritz, Liang Ma, Kin K. Leung. Joint State-Action Embedding for Efficient Reinforcement Learning. 2020. Under Review at the International Conference on Learning Representations (ICLR).

Paul J. Pritz, Daniel Perez, Kin K. Leung. Fast-Fourier-Forecasting Resource Utilisation in Distributed Systems. 2020. 29th International Conference on Computer Communications and Networks (ICCCN).

Sam Werner, Paul J. Pritz, Daniel Perez. Step on the Gas? A Better Approach for Recommending the Ethereum Gas Price. 2020. Mathematical Research for Blockchain Economy (MARBLE 2020).

Sam Werner, Paul J. Pritz, Alexei Zamyatin and William J. Knottenbelt. Uncle Traps: Harvesting Rewards in a Queue-based Ethereum Mining Pool. 2019. 12th EAI International Conference on Performance Evaluation Methodologies and Tools (VALUETOOLS 2019). **Best student presentation award.**

TEACHING AND ACADEMIC WORK

Reviewer for Academic Journal

Peer Reviewer

2020

- Journal of Cloud Computing (2020)

Teaching at Imperial College London

Laboratory Tutor and Marker

Since Oct 2019

- Introduction to C++ Programming (MSc Computing Science)
- Introduction to Machine Learning (BEng Computing / MSc Computing Science)
- Networks and Communications (BEng Computing)
- C Programming (BEng Computing)

SCHOLARSHIPS AND AWARDS

Citadel Data Open Championship 2020

First Place

Mar 2020

Imperial College London Teaching Scholarship

Full Scholarship for the PhD in Computer Science at Imperial College London

2019 - 2022

German Academic Scholarship Foundation

Full Scholarship for the MSc Computing Science at Imperial College London

Sep 2018 - Sep 2019

BSc Economics and Management at King's College London

Award for the Best Dissertation

May 2018

EXTRACURRICULAR

King's College London Boat Club

First Men's Team Rowing

London, United Kingdom

Sep 2015 - Dec 2016

- Competed in the first Men's Eight and Four in national regattas

Conquer Babel r.a.

Voluntary Service

Goettingen, Germany

Jan 2015 - Jun 2015

- Worked as part of a team coordinating a range of supportive events for refugees
- Organised used clothes collections and social events for refugees

SKILLS AND INTERESTS

Languages: German (Native), English (Fluent), Spanish (Basic)

Technical Skills: Python, C++, Java, Reuters Eikon, Microsoft Office, L^AT_EX

Hobbies: Sailing (15 years of regatta experience), Triathlon, Cooking