Mateusz Jakub Staniszewski

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EDUCATION

Imperial College London   **London, United Kingdom**
Bachelor of Mathematics, 1ˢᵗ Year Students Representative, expected First Class Honours   Expected 2017
- **Results:** First Year: 2.1 Honours; Second Year: First Class Honours
- **MPhil:** Applying for Master's degree in Computer Science with expected graduation date of 2018
- **International Baccalaureate:** 40 / 45 (Mathematics, Physics, Geography, English Higher Level 7,7,6,6)

WORK AND RESEARCH EXPERIENCE

Imperial College London   **London, UK**
Summer Researcher, Statistics Department   08/2016 – 10/2016
- Conducted research placement (Undergraduate Research Opportunities Programme) under the supervision of Dr Ben Calderhead on the topic of 'Application of Artificial Intelligence in Games'
- Used a variation of techniques from machine learning to produce an algorithm that enabled the computer to perform reinforcement learning on tic-tac-toe, connect four, crawler and pacman
- Developed further understanding of artificial neural networks, computing algorithms and statistical techniques.

BlackRock Inc.   **London, UK**
Summer Analyst, Portfolio Analytics Group   06/2016 – 08/2016
- Worked closely with the Financial Markets Advisory team to support external clients
- Received a full-time offer and an 'outperformed' review at the end of the internship
- Most tasks related to automating or maintaining existing processes:
  - Modified internal code and utilized Version Control System (svn & git) to work concurrently with others
  - Used SQL and R programming on daily basis for providing data analysis
  - Trained operating Unix for running scripts, accessing and sharing files
- Learned about structured products, cash flows and transition matrices. Closely followed financial news.
- Was exposed to Hadoop framework & Blade programming (internally used programming language)

Opera Software AS   **Oslo, Norway & London, UK**
Intern, Data Scientist in Business Intelligence Team   06/2014 – 06/2016
- Full-time employee during summer (2014 & 2015), converted to part-time remote employee during university
- Independently covered all living costs incurred during my studies as a result of the part-time work
- Was responsible for automating processes within Desktop User Acquisition Team (Python & Tableau):
  - Created analysis and trend predicting tools, used internally by 3 out of 8 teams in Oslo
  - Performed data scraping and processing from different web pages and Excel files
- Developed mathematical models, i.e. maximum PPI (price per install) model, spent & budget calculations

IPOPEMA Securities SA   **Warsaw, Poland**
Summer Intern, Equity Capital Markets   08/2013 – 09/2013
- Researched and analysed capital markets and companies' financial data – prepared >5 company profiles
- Trained operation of Bloomberg terminal – examined company fillings and brokers' research reports

SKILLS, ACTIVITIES & INTERESTS

Languages: Fluent in Polish, English, Advanced in Norwegian
Technical Skills: Python, Matlab, SQL, UNIX, VCS, MS Office, C++ (basic level), R programming (basic level)
Relevant knowledge: Individually prepared and finished in top 50 in National Mathematics Olympiad
Activities: Co-founder of first student led Mathematics conference in UK (mathscon.com), Imperial College Mathematics Society (acting as External Vice President), Imperial College Swimming & Water Polo club (attended and placed in the top 10 in the University contests as a representative of the first team)
Interests: swimming (>9 years of competitive swimming, national champion in 50m freestyle), chess (amateur)