Piotr Kram

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SOCIAL MEDIA

www krampiotr.github.io

EDUCATION

10.2018 - 06.2021   ***University of Cambridge***
Computer Science

09.2015 - 05.2018   ***XIV Stanislaw Staszic High School in Warsaw***
a special class with academic mathematics

EXPERIENCE

10.2021 - present   ***DRW***
Software Developer - Global Delta 1 Team
--> creating and supporting trading software using mainly Java, but also Python, JavaScript and Zsh programming languages
- added a new communication protocol to our web server application
- worked on a Java/Python bridge for the quants
- worked on the main trading UI application for traders
- created an intra-day tick retrieving software for quants to complement our historical database
- worked on an index loader application
- rewrote a couple of UIs for efficiency purposes using the AG Grid framework
- added drop copies and secondary order flow support for 2 famous trading venues in the fixed income space
- improved refererence data for our universe of futures and changed the way we record trades on futures
- completed multiple small work items around the code base

06.2021 - 09.2021   ***Facebook***
Enterprise Engineer Intern - Logistics & Operations Team
- working on React Native front-end (creating, modifying, connecting to back-end)
- querying internal back-end databases using Hack, a dialect of PHP
- exposing back-end data via GraphQL API

08.2020 - 10.2020   ***Amazon***
Software Development Engineer Intern - Alexa Speech Team
- worked on decoupling lexicon building for different languages (a lot of problem solving around internal Amazon software and my Linux Cloud Desktop)
- created and published online a package (using mainly python, bash and a dialect of scheme) responsible for grapheme to phoneme training

07.2020 - 08.2020   ***Barclays***
Technology Developer Intern - Public Cloud Engineering Team
- worked on detecting duplication between AWS Cloud Formation templates
- pre-processed the templates and created a GUI (using the tkinter library in python) for experts to compare and see differences between different template fragments

06.2019 - 10.2019   ***UtterBerry***
Software Engineering Intern
- creating web and mobile applications in React Native, JavaScript, Three.js, Express.js and Mongo DB

07.2017 - 08.2017	**Connectis_**
	Intern - Moblie Developer
	- creating software in Xamarin technology for the Android platform (api 19+).
03.2020 - 01.2022	**Computer Science Tutoring**
	Educational Consultant, Computer Science Tutor
	- teaching theoretical and practical machine learning, AI, computer architecture and low-level C programming

ACCOMPLISHMENTS

- **the Green IoT award and the MongoDB award during the 'Hack Cambridge 2020' hackathon**
- **Best Hack for Social Good award and startmeup sponsor prize during the 'Oxford Hack 2019' Hackathon**
- **the Winner of the trading challenge organized by the Cambridge University Algorithmic Trading Society and the IMC trading company**
- **2nd place in the spring edition of the Wawcode 2019 Hackathon in Warsaw**
- **5th place in the Luno Challenge during the Spark hackathon**
- **People's choice award in the Cambridge-Bradfield blockchain Hackathon (CBHACK)**
- *the Finalist of the 67th and the 69th editions of Polish Mathematical Olympiad*
- *the Laureate of the 17th, the 18th and the 19th editions of the Mathematical Competition for High School Students organised by the Warsaw University of Technology*
- *the Laureate of the Jagiellonian Mathematical Tournament 2017/2018*
- *the Winner of the Mathematical League of the Warsaw University of Technology*
- *the Laureate of the 11th polish edition of the International Challenge on Informatics and Computational Thinking "Bebras"*
- *2nd place in the international, team mathematical competition NABOJ 2015/2016*
- **100% in Computer Science, Mathematics and English Matura (official Polish graduation exams)**

SPEECHES

Deep Learning in Medical Imaging - a Practical Introduction *- 'AI in radiological diagnostics' conference 2021* https://ai-radiology.eu/deep-learning-in-medical-imaging-a-practical-introduction/

CERTIFICATES

- **Machine Learning** *by Coursera (Credential ID: QJYEUTPDQVS2)*

HOBBIES

gym, football, psychology, playing the piano and the guitar, new technologies, learning languages