PIOTR KRAM

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SOCIAL MEDIA

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 Engineer - Global Delta 1 Team* *- creating and supporting the operations of a trading software utilising Java, JavaScript, Python, Bash and Zsh programming languages*
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 applications in JavaScript* *- analyzing 3D transformations and their implementations in Three.js* *- creating mobile applications in React Native* *- creating backend using Express.js and MongoDB*
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*

SKILLS

Java

C++

C

Python

JavaScript

Algorithms and data structures

Advanced problem solving

Object-Oriented Programming

Functional programming

React Native

Xamarin

Microsoft Office 365

C#

Android

Git

Console

Visual Studio 2017

Bitbucket (code review/pull requests)

HTML/CSS

XML/XAML

Trello

SQL

Mongo DB

Unity

Microsoft HoloLens Development

Machine Learning and Data Processing in Python (numpy, pandas, scikit-learn, matplotlib, keras)

AWS

Vim

Bash

Linux shell

Hack, a dialect of PHP

GraphQL

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"
- the recipient of the Mazovian scholarship for talented students awarded for a project concerned with creating an interactive website popularizing inversion - one of the most important mathematical transformations
- the Laureate of the 10th edition of the Mathematical Olympiad for Lower Secondary School Students
- the scholar of the Polish National Fund for Gifted Children
- 2nd place in the international, team mathematical competition NABOJ 2015/2016
- the Finalist of the Physics 2014/2015 and the Philosophy 2013/2014 regional competitions
- 100% in Computer Science, Mathematics and English Matura (official Polish graduation exams)

CERTIFICATES

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

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/

HOBBIES

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