PIOTR KRAM

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EDUCATION

10.2018 - present	**University of Cambridge** *Computer Science*
09.2015 - 05.2018	**XIV Stanislaw Staszic High School in Warsaw** *a special class with academic mathematics*

EXPERIENCE

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*
01.2019 - present	**Akademia Ivy Poland** *Educational Consultant* *- teaching theoretical and practical machine learning (from 25.03.2020 until 27.08.2020). Together with my student we went through all of the main branches and algorithms of machine learning (traditional methods as well as deep learning).*
06.2018 - 06.2018	**Nencki Institute of Experimental Biology - Laboratory of Neuroinformatics** *Participant in a mini-internship organized by the Polish National Fund for Gifted Children* *- creating and optimazing neural networks using the Keras library in Python*
07.2017 - 08.2017	**Connectis_** *Intern - Moblie Developer* *- creating software in Xamarin technology for the Android platform (api 19+).*

CERTIFICATES

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

LANGUAGES

Polish ●●●●●●●
English ●●●●●●○
Spanish ●●●○○○○
German ●●○○○○○

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*

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)*

VOLUNTARY SERVICE

- *helping with the organisation of the 11th, the 12th and the 13th editions of the Mathematical Olympiad for Juniors*
- *helping with the organisation of the Great Orchestra of the Chrirstmas Help 2013/2014*
- *mentoring and helping in the non-profit organisation "Project Access"*
- *mentoring in the Cambridge University Students' Union Shadowing Scheme 2018/2019*

HOBBIES

sports *music* *psychology* *new technologies* *languages*