

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
- 07.2017 - 08.2017** **Connectis_**
Intern - Mobile Developer
- creating software in Xamarin technology for the Android platform (api 19+).
- 03.2020 - present** **Various organizations**
Educational Consultant, Private tutor
- teaching theoretical and practical machine learning (from 03.2020 until 08.2020)
- preparing a student for the admission exam and interviews for Computer Science at the University of Cambridge (11.2020)
- teaching computer architecture (from 10.2020 until 12.2020)

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

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

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)