

# Przemysław Kuczyński

Software Engineer

## Education

- 2017 - now **Master of Computer Science**, *University of Warsaw*.  
expected graduation date - Dec 2019
- 2012 - 2016 **Bachelor of Computer Science**, *University of Warsaw*.

## Experience

### Vocational

- Jan 2018 - **Point API**, *Software Engineer*, Startup company for AI-powered text prediction. Full stack engineering of backend, machine learning & natural language processing components. YCombinator Spring 2018 batch.  
Exemplary technologies: NumPy, TensorFlow, AWS, Flask, SocketIO
- Jul 2016 - **ConnectPoint**, *Software Engineer*, Energy industry software solutions for processing large data volumes with analysis and detection of undesirable situations. Implementation of real-time GIS for Warsaw's district heating network.  
Exemplary technologies: Esri ArcGIS, OSIsoft PI System, Vert.x, JavaFX, AngularJS
- Jul - Sep 2014 **Samsung Electronics R&D Institute Poland**, *Trainee*, Development of WebKit project for Samsung Smart TV with Tizen OS platform.

### Miscellaneous

- Apr 2018 - **LSW Blockchain**, Part of Master's thesis. Design & implementation of experimental blockchain for smart home electricity billing for Leipziger Stadtwerke. Energy management based on Green Power Index.  
Used technologies: Solidity, Web3.py
- Sep 2017 **OSIsoft UC EMEA Hackathon - first place**, Smart realtime data analysis for drinking water company in the Netherlands with water quality monitoring featuring Amazon Alexa.
- 2016 **Data Validation Platform (DVP) - Bachelor's thesis**, Complex system for big data processing and storage targeted for the renewable energy market. Pluggable external modules responsible for refining raw data, e.g. machine learning component detecting wind turbines downtimes.  
Used technologies: Apache Spark, Apache Ignite, AngularJS, Kafka, RabbitMQ
- 2014 **Open Source contributions for WebKit.org project**, *Bug fixes related to WebKit development in Samsung R&D*.
- 2014 **Game development in team of four using Unity 3D engine**, *Unity, C#*.
- 2013 **TCP/IP Client-Server application for transferring data through the network**, Live audio streaming between clients which would send or receive data, C++, Boost libraries.
- 2008 - 2012 **Participation in algorithmic contests including Polish Olympiad in Informatics**, Finalist of the 3rd edition of Olimpiada Informatyczna Gimnazjalistów (2009).

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## Languages

Fluent English, Polish (mother tongue)  
Elementary German, Italian

## Skills

Programming Languages Java, Python, C/C++, JavaScript, Haskell

Others Algorithms & Data structures, Design patterns, Databases, Networking & TCP/IP, Functional programming