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ulam.ai

We want to make machines think.

We are based in Warsaw, Poland.

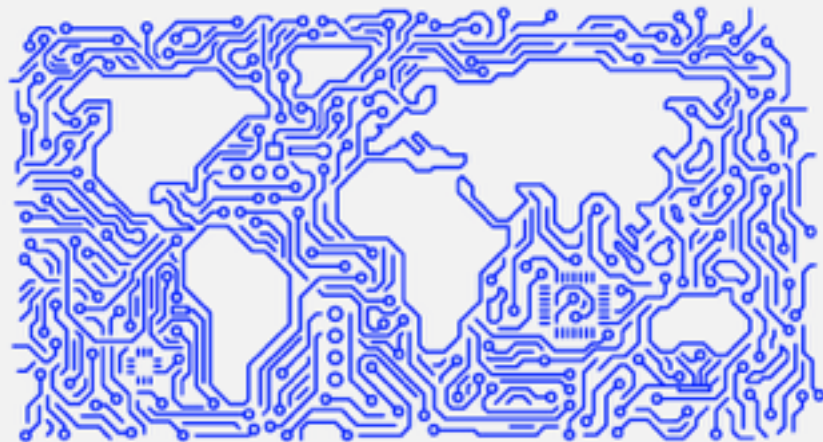
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## about ulam.ai



ulam.ai is a technological group focusing on many aspects of artificial intelligence. We build products, create companies around them and scale in a way which is most beneficial to humans. We research machine reasoning and apply it to different areas of business.

Currently machines are only able to perform low-level general tasks (like ordering a taxi), but are able to go beyond human capabilities in many specialised tasks.

Computers are better than humans at playing chess, Go and Atari games. In our goal to develop general AI we go further and treat 'mathematics' as the next game at which machines would excel. Mathematics is a test case for our ability to make machines think in an abstract way.



Przemysław Chojecki, PhD  
CEO



Witold Kowalczyk  
COO



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DeepAlgebra  
& DeepLaw

Research



PUBLIC SECTOR



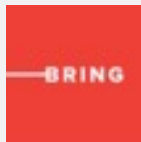
ulamX

PRIVATE SECTOR



ulamZ

COMPANIES



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## ventures description



BOHR<sup>∞</sup> – an R&D company developing logistics optimisation software for Quantum Computers.

Bring.ai – a same-day delivery start-up powered by AI. Bring.ai leverages chatbots and machine learning to bring customers the best possible experience and the fastest deliveries.

ulamZ – a venture building company focused on developing new AI companies in response to problems identified in the private sector.

ulamX – a venture building company focused on developing new AI companies in response to problems identified in the public sector.

research – DeepAlgebra & DeepLaw – two parallel research projects focused on automating machine reasoning for solving problems and verifying solutions in mathematics and law.





## about our quarterly reports



Whereas it might be peculiar for a start-up organisation like ours to issue quarterly reports, we see several advantages in doing so:

- it **keeps us motivated** as each quarter we'll want to improve the achievements from the previous one
- it helps investors, partners, clients and others to **keep track of our work**
- it **gives transparency** and a better understanding of our work

Each quarterly report **covers the developments that occurred in each of our ventures during the past 3 months** – including some key figures.

Although we cannot make everything public, we want to **give as much clarity** into what we do as possible.



Przemysław Chojecki, PhD  
CEO



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COO



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## BOHR $\infty$



Q1 has seen some significant developments for BOHR  $\infty$  - both in terms of business as in terms of technology:

- we have successfully concluded our participation in the [Gamma Rebels](#) acceleration program with Poczta Polska S.A. (see the press coverage afterwards on our blog: <http://www.bohr.technology/blog-and-news>)
- we have been [accepted as the only Polish company to the Impact Connected Car](#) accelerator where we will work with Ferrovial, Groupe PSA and FIA on our technology
- we [completed our research team](#) and have involved top quantum information specialists to work with us
- we have [begun work on BOHR.TSP](#) – an open source quantum software for solving the Travelling Salesman Problem – more information soon on this
- we have [completed work on our BOHR.LOGISTICS platform](#)
- we have [completed Proof-of-Principle work on our BOHR.QSOLVER](#)



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## Bring.ai

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Since launching in late November Bring.ai has successfully serviced requests from hundreds of customers. We have gathered positive reviews and have a large number of recurring users.

Starting in April, Bring.ai will take part in 6-month Residency program at Google Campus in Warsaw. We are currently looking for an investor.

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## research



During Q1 2018 we also made progress in the area of research.

Our main research focus has always been DeepAlgebra – a research project focused on automating the reasoning process in mathematics. We see mathematics as a test case for our ability to make machines think in an abstract way and one of the first steps towards general AI.

During the last months we decided to extend the methods developed and applied in DeepAlgebra to another field – law. The parallel DeepLaw project aims to automate the legal reasoning used in applying law.





## community



During the past 3 months we have also been active in the Polish AI community:

- we attended the Polish AI meet-up in early March. The event was an unofficial gathering of top AI specialists organised by Łukasz Kidziński (PhD) from Stanford University. Our CEO, Przemysław, gave a brief talk about ulam.ai and our work. You can watch it here (PL version only): <https://www.youtube.com/watch?v=seRL0JEHZ0U>
- our COO, Witold, published a short op-ed on the impact of AI on automating the work of lawyers. You can read it here: <http://jagiellonski24.pl/2018/03/28/czy-algorytmy-zastapia-prawnikow/>

