PROWLER.io Appoints Professor Carl Edward Rasmussen as Chief Scientist

Renowned University of Cambridge professor of machine learning will retain chairmanship alongside new operational role as PROWLER.IO enters new phase of growth

[5 February 2019] – Cambridge, UK: PROWLER.io announced today that it has appointed Carl Edward Rasmussen as its first Chief Scientist. In this new role, Carl will oversee PROWLER.io's Research Leadership team, focused on delivering world-leading research in Artificial Intelligence and decision-making.

Carl, who has served as Chairman of PROWLER.io since 2016, will maintain this position alongside his new role. Carl is also professor in the Machine Learning Group and head of the Computational and Biological Learning Lab at the Department of Engineering at the University of Cambridge.

Carl is a world leading authority on Gaussian processes, reinforcement learning and probabilistic inference. Carl's academic career includes positions at the Technical University of Denmark, the Gatsby Computational Neuroscience Unit at University College London and the Max Planck Institute for Biological Cybernetics in Tübingen. Carl is the co-author of Gaussian Processes for Machine Learning (MIT Press, 2006), which is universally considered to be the most foundational and influential textbook in the field.

His expertise will advance the work of PROWLER.io's research teams, which have generated 38 peer-reviewed published research papers and filed 8 patents to date. The company is now entering a new period of growth - applying this research expertise towards helping companies make better decisions in processing dynamic, real time data in complex and uncertain environments. Creating PROWLER.io's AI engine, VUKU, has required a unique, integrated approach – combining branches of mathematics, engineering and economic theory.

Vishal Chatrath, CEO of PROWLER.io, said, "We are very excited to have Carl's expertise focused on solving some of the hardest engineering challenges in AI at PROWLER.io. Carl set the technical vision for the company when he joined as Chairman. As Chief Scientist, Carl can be fully engaged in a more hands-on way to deliver our technical vision to drive improvements for our customers and partners.

Carl brings great credibility as the founding father of Gaussian Processes, probabilistic models that help machines deal with uncertain and complex environments, with sparse or partial sources of data, and can learn from experience. Our focus is to help businesses make good decisions, with smaller data sets in real time. This is an urgent business need and hugely relevant for our customers in logistics, finance and education."

Carl Edward Rasmussen added, "I am thrilled to have been appointed Chief Scientist at PROWLER.io. Throughout my career I have focused on the theory and practice of building systems that learn and make decisions. At PROWLER.io we are focused on developing an AI engine, VUKU, that can make useful inferences about what actions to take, alongside explaining how it made those decisions. Fortunately, probability and information theory provide a mathematically principled and practical approach to advance this. By leading the research teams at PROWLER.io, my focus will be turning the science into real life applications for customers."

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About PROWLER.io

PROWLER.io's mission is to help turn dynamic, real-time data into optimal decisions about business problems. Our AI-engine, VUKU, can process moving data in real time, adapt to uncertainty, act on sparse information and learn from experience. It is data efficient not data hungry, so does not need big data sets to be effective - and is designed to have broad application across multiple sectors. It has been built by a world-class team in Cambridge - combining mathematics, engineering and economic theory in ways never undertaken before. We are committed to ensuring our AI is comprehensible and its outcomes can be trusted. Our goal is to ensure business is powered by people; empowered by AI.