THE ROLE: DATA SCIENTIST

LOCATION: WATERLOO

At Cognitive Systems, our data scientists and engineers work efficiently and quickly to develop smarter and more reliable solutions to enhance experience with our products and solutions. We apply a mix of methodologies to achieve our goals, including information visualization, statistics, field experiments and machine learning, and actively employ the latest research from scientific and academic communities.

ABOUT YOU

You are a creative scientist with the ability to extract and purify features from data sources to enhance machine intelligence. You will leverage your knowledge from different fields, including computational mathematics, statistic, data representations and machine learning. Ideally, you will produce new science to further improve the experience of our solutions.

WHAT YOU'LL DO

- Research methods to improve our current feature extraction methods for better machine learning
- Develop methods to enhance clarity of data
- Create algorithms to project system behaviours
- Develop methods to predict trends of short-term and long-term time series
- Provide methods to improve current AI systems' performance by studying key metrics

WHAT YOU'LL NEED

Creativity can solve almost any problem. The creative act, the defeat of habit by originality, overcomes everything

- Bachelor, MSc or PhD in Mathematics, Statistics or Computer Science or equivalent
- Real-world experience as a data scientist
- Research, co-op or internship experience in data science, new grads welcomed
- Solid experience in solving analytical problems and providing performance metrics
- Ability to manipulate and analyze data from real-world data sources
- Knowledge in one of Python, R or Matlab
- A get-it- done attitude to meet aggressive timelines

BONUS POINTS FOR

- Having created data analytics for an existing solution or product
- Having publications or patents related to AI
- Understanding deep learning methodologies
- Ability to advance science and machine intelligence

WHY COGNITIVE SYSTEMS?

We are always on the look-out for bright, highly motivated and energetic A-players to join our team. We encourage an open and agile environment where creative thinking leads to groundbreaking achievements and innovations. We promote a healthy work-life balance in a flexible work setting. We offer competitive salaries, an excellent extended health care benefits plan, 4 weeks of paid vacation annually, and we even provide a free catered lunch daily! Most importantly, we are committed to creating the best, most innovative and impactful technology that people will love.

ABOUT US

Founded in 2014, Cognitive Systems Corp., set out on a mission to transform the way the world interacts with and uses wireless signals. Determined to use radio frequency (RF) technology to build a new way to interpret wireless signals, the co-founders drew upon their expertise in silicon design, RF, and cryptography. As a result, Aura WiFi Motion was born.

Through partnerships with chipset manufacturers, such as Qualcomm, Marvell and Cypress, Cognitive Systems is licensing its Aura WiFi Motion Stack for use in mesh routers, voice assistants and IoT devices, enabling these devices to see and interpret motion, provide contextual awareness and user behaviour insights into the home.

TO APPLY:

Please e-mail your resume to careers@cognitivesystems.com