Digital & Virtual Health Care: Current state and emerging trends. Opportunities to apply data science & Artificial Intelligence

Plamen Petrov

Join us in person! Refreshments will be provided
Thursday, APRIL 14th 5 p.m. to 6 p.m. CST
Ford Design Center, Room 2350 (The Hive)

Join Online: 979 8194 6956, contact cdl@northwestern.edu for the event code

The global telehealth market size was $144 billion in 2020. The telehealth market is projected to grow to $636 billion in 2028 at a CAGR of 32.1% in the forecast period, 2021-2028. Data science and Artificial Intelligence have proven to be critical components of virtual health solutions allowing clinicians to make real-time, data driven medical decisions at the point of care and to scale the telehealth services to millions of patients, achieving improved health outcomes and superior patient experience. In this talk, will discuss the current state and emerging trends of the virtual health industry with a focus on the applicability of machine learning and data science to this rapidly growing field.

Speaker Bio:

Plamen Petrov is Chief Technology Officer at Hydrogen Health. Hydrogen Health is an AI-powered digital health company established by Anthem Inc, Blackstone Growth and K Health. Hydrogen Health’s mission is to partner with employers to close the primary care gap through access to comprehensive whole-health care. Hydrogen’s virtual primary care solution brings K Health’s suite of digital healthcare services to employers to address prevention and chronic condition management while also providing world-class support for acute care needs. With 5 million direct-to-consumer users and 2 million insured members, the unique technology is powered by millions of medical records and data sets, in partnership with the Mayo Clinic Platform, Maccabi Healthcare Services, and Anthem. Learn more about Hydrogen Health at https://hydrogenhealth.com/.

Prior to Hydrogen Health, Plamen was VP of Data Science and Chief Data Officer at Anthem Inc. Plamen has extensive experience in industry and academia having worked in different roles at companies such as Anthem, KPMG, IBM, Deloitte LLP, Blue Cross Blue Shield Association, United Airlines, Sun Microsystems, Motorola, and Cincinnati Bell. Plamen is a recognized expert applying Artificial Intelligence technologies and data science methods to various business domains and in particular on probabilistic reasoning and inference, Natural Language Processing (NLP) and Machine Learning. Plamen holds a Master of Engineering Management degree and Ph.D. in Computer Science. Plamen serves on the faculty of the University of Illinois at Chicago where he conducts research, advises students, and teaches graduate courses.

Center for Deep Learning

The Center for Deep Learning provides technical capacity and expertise to companies seeking to establish or improve access to AI. Its leaders are Northwestern University world-class researchers, academic directors, and alumni with long established and current experience in industry.