

TOMASZ ADAMUSIAK MD PHD

tomasz.adamusiak@gmail.com – (301) 202 4866 – Boston – MA 02114

January 1, 2020

SUMMARY

An MD PhD with a unique blend of clinical leadership, technical expertise, and a proven track record of managing multidisciplinary teams of software engineers, DevOps, UX/UI, and data scientists

EXPERIENCE

Director of Medical Informatics 2018 – Present
Pfizer, Boston

- Developed an AWS-based data strategy for the Digital Medicine group
- Moved 80TB of data from legacy storage to S3 and automated QC processes
- Co-PI in the STRYDE Pfizer Innovation Research (PfIRe) Lab study

Director of Data Engineering 2016 – 2018
Thomson Reuters, Boston

- Developed and managed a software engineering organization of 20 people
- Launched two new Big Data products Data Fusion and Graph Feed integrating NLP and Knowledge Graph technologies
- Reduced backlog by 90% and shortened release cadence to 2 weeks

Senior Data Scientist 2014 – 2015
Thomson Reuters, Boston

- Led a global team of 6 consultants providing professional services to top pharma and research institutions

Senior Research Scientist 2012 – 2014
Medical College of Wisconsin, Milwaukee

- Created ClinMiner – an analytics platform for Epic EMR and i2b2, a novel clinical decision support tool for the Human and Molecular Genetics Center Personalized Medicine Program

Postdoctoral Fellow in Clinical Informatics 2011 – 2012
National Institutes of Health, Bethesda

Bioinformatician 2008 – 2011
European Bioinformatics Institute, Cambridge, United Kingdom

EDUCATION

MD PhD, Distinction, Clinical Immunology 2000 – 2008
Medical University of Lodz, Poland
University of Erlangen-Nuremberg, Germany

OTHER EXPERIENCE

Chair, Knowledge Representation & Semantics WG 2014 – 2016
American Medical Informatics Association

SELECTED TALKS

Building a Digital Health Data Pipeline in the Cloud 2019
Digital Health: Pharmaceutical Executive Summit, Boston

Integrating Digital Biomarkers and eCOA in Clinical Trials 2019
Bio-IT World, Boston

**SELECTED
PUBLICATIONS
citations 1247**

Bilastine association with lower risk of adverse events. A systematic review and meta-analysis of randomized clinical trials. **Adamusiak T**, Figshare preprint (2018), doi:10.6084/m9.figshare.7315616.v2

EHR-based phenome wide association study in pancreatic cancer. **Adamusiak T** AMIA Jt Summits Transl Sci Proc. 2014 Apr 7;2014:9-15. PMID: 25717392

Gene Expression Atlas update—a value-added database of microarray and sequencing-based functional genomics experiments. Kapushesky M, **Adamusiak T** et al., Nucleic Acids Res. 2012 Jan;40(Database issue):D1077-81. PMID: 22064864

Asthma control – a four year observational study. **Adamusiak T** (2012) In *Application of statistical methods in research IV* StatSoft Poland, Cracow, ISBN: 978-83-88724-64-0