ANNA OSTROPOLETS
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EDUCATION

COLUMBIA UNIVERSITY, DEPERTMENT OF BIOMEDICAL INFORMATICS,
SEPTEMBER 2018 – Present
PhD

COLUMBIA UNIVERSITY, DEPERTMENT OF BIOMEDICAL INFORMATICS,
SEPTEMBER 2018 – May 2020
Master of Arts
Average GPA 3.67

KHARKIV NATIONAL MEDICAL UNIVERSITY, FACULTY OF POSTGRADUATE TRAINING,
SEPTEMBER 2016 – JUNE 2018
Residency, Internal Medicine

KHARKIV NATIONAL MEDICAL UNIVERSITY, MEDICAL FACULTY, 2010 – 2016
MD, General Medicine
Average GPA 4.0

TECHNICAL EXPERIENCE

SCIFORCE,
OHDSI

SR ONTOLOGY ENGINEER **September 2015 -August 2018**

- Designing, incorporating, linking, testing and maintaining clinical ontologies in OHDSI OMOP Standardized Vocabularies
- Conducting research on methodologies for building and linking clinical ontologies
- Designing and performing observational clinical studies, including data analysis and preprocessing, patient phenotyping, applying epidemiological study designs and statistical analysis
- Participating in data analysis for Extract Transform Load (ETL) of the US and non-US data sources (administrative claims data, electronic health records, hospital discharge data and registries), including governing data quality assurance and data certification.

SKILLS

- Common programming skills: PL/SQL, R
- Version Control Systems: Bitbucket, GitHub
- Issue Tracking Systems: Jira, Confluence, Redmine

RESEARCH EXPERIENCE

COLUMBIA UNIVERSITY

PHD STUDENT **SEPTEMBER 2018 - PRESENT**

- Designed, organized, performed and published research projects on
  - Developing, maintaining and using medical ontologies in large-scale observational research
  - Data heterogeneity and data quality in disparate data sources (electronic health records, administrative claims data and registries)
  - Clinical decision support tools that generate new knowledge at the point of care
  - Disease phenotyping (cardiology, oncology, rheumatology, infectious disorders)

KHARKIV NATIONAL MEDICAL UNIVERSITY

UNDERGRADUATE RESEARCHER **SEPTEMBER 2011- JUNE 2016**
STUDENT SCIENTIFIC SOCIETY COUNCIL MEMBER

- Designed, organized, performed and published research projects related to:
  - State of the skeletal system in children with excessive body weight.
  - Exercise capacity of perimenopausal women and the effect of hormone replacement therapy on cardiovascular system
  - Features of chronic and acute inflammation based on changes in the morphology of rat thymus, spleen and peripheral blood.

  Performed statistical analysis on data sets using SPSS and presented the results on several conferences.