

# ANNA SHCHETSOVA

<https://github.com/AnkaShch>

@ shchetsova.au@yandex.ru

+7-916-282-59-30

Saint Petersburg, Russia

## EDUCATION

ITMO University, Applied Mathematics and Informatics

Saint Petersburg, Russia

Sept 2017 – Present

## EXPIRIENCE

Integration of the RMWCS algorithm in Cytoscape

CT-Lab, ITMO University

March 2020 – June 2020

## PROJECTS

Data aggregation in crowd-sourcing

March 2020

- Implementation Majority Vote, WAWA and David-Skin models. Applied to the real data set from Yandex.Toloka.

[GitHub](#)

Unique counter

June 2019

- Implementation of an algorithm for approximate calculation of the number of different numbers in the array. Uses constant memory.

[GitHub](#)

Random subgraph generator

April 2020

- Generated subgraph in Cytoscape. Used JNI.

[GitHub](#)

Kid Shell

April 2019

- Toy command line interpreter. Used direct system calls to generate new processes, launch new executable files, and get the process completion status. Supported environment variables.

[GitHub](#)

Subset of the utility FIND

March 2019

- Support for some arguments and their combinations.

[GitHub](#)

Parsing dates from Wikipedia

Winter 2017

- Algorithm for parsing of free-form dates from Wikipedia articles. It used data from the English Wikipedia from articles about military conflicts. It is part of a project to create an interactive event map [Geo-History](#)

[Bitbucket](#)

## SKILLS

C++

C

Python

Java

Haskell

## OTHERS SKILLS

Git

JNI

Linux

LaTeX

## FIELD OF INTEREST

- Bioinformatics
- Data Analysis
- Big Data

## ACADEMIC COURSES

- Algorithms and Data Structure
- Probability and Statistics
- Discrete Mathematics
- Operating Systems
- Math Logic and Type Theory
- Complexity Theory

## LANGUAGES

- Russian: Native language
- English: Intermediate

## EXTRACURRICULAR ACTIVITIES

- Bioinformatics summer school 2018
- Participant of Yandex.Professional, section Applied Math and Informatics 2018, 2019
- Diploma with honors from the art school