

# Anna Burdanova

Software Developer

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## Education

### University of the People

Bachelor of Science in Computer Science

USA, Pasadena, CA

Sep. 2021 - Apr. 2023

- Extensive Elective Coursework in: Machine Learning and Artificial Intelligence
- CGPA 3.9/4.0, Honors: President's List 2021-2023

### Gubkin Russian State University of Oil and Gas

Bachelor of Science in Geology

Russia, Moscow

Sep. 2010 - Jun. 2015

## Skills

### Technical Skills

Proficient with:

Java • Spring Boot • Hibernate • Python • R • VBA • LaTeX • SQL • Figma • Git

### Soft Skills

Strong:

Communicator (English, Russian, Vietnamese) • Resilient learner • Efficient team member

## Technical Projects

### Website for real estate agency

Built and deployed web-application with CSS/JS/HTML5

Live, Github

Jan. 2023 - Mar. 2023

- Implemented with what technologies
- Achieved what
- Metrics

### 2D pixel platformer for Google Store

Implemented with what technologies

Live, Github

Mar. 2022 - Apr. 2022

- Solved problems of multithread communication and increased bitmap rendering efficiency on canvas, the enhanced game cycle provides stable 60FPS and FPS on tested devices.
- Designed a system of multitouch event handling with custom GUI, integrated with the in-game system of object collisions and interactions checks, supported on devices with screen aspect ratios of 4:3 and 16:9.
- Optimized application memory releasing over 50Mb from unused objects and parallax moving background, profiler tests show even CPU/memory load and light energy levels.

## Work Experience

### OpenGenus

Software Developer Intern

Japan, Remote

Apr. 2022 - Jul. 2022

- Contributed to OpenGenus IQ by writing articles on a wide range of topics from Java technologies like Caching in Hibernate to System Design.
- Published 10 technical articles and authored two books: Hibernate Interview Questions and Spring Boot Interview Questions and Answers.

### SP Vietsovpetro

Geological Engineer

Vietnam, Vung Tau

Sep. 2017 - Jan. 2022

- Created a new tracking system to control 500 surface fluids samplings per year on all stages from sampling to analysis results, with automated invoices and reports and cut off 70% of time spent on manual reports.
- Collaborated with the IT department on the deployment of the company's web-portal report system, formalized user documentation, and consulted field operators on new features in 3 languages to speed up by 20% transition from the old system of Excel reports to the web application.

### CTMP Centrmarkshejderiya

Geodesist

Russia, Tula

Jun. 2015 - Sep. 2017

- Run tacheometric surveys, calculated local and GPS coordinates, applied AutoCAD automation tools to speed up report system by 10%.