# Anna Burdanova

Software Developer

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## Education

**University of the People**  *USA, Pasadena, CA*
Bachelor of Science in Computer Science  *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**  *Russia, Moscow*
Bachelor of Science in Geology  *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**  *Live, Github*
Built and deployed web-application with CSS/JS/HTML5  *Jan. 2023 - Mar. 2023*
- Implemented with what technologies
- Achieved what
- Metrics

**2D pixel platformer for Google Store**  *Live, Github*
Implemented with what technologies  *Summer 2022*
- Solved problems of multithread communication and increased bitmap rendering efficiency on canvas, the enhanced game cycle provides stable 60UPS 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**  *Japan, Remote*
Software Developer Intern  *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**  *Vietnam, Vung Tau*
Geological Engineer  *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**  *Russia, Tula*
Geodesist  *Jun. 2015 - Sep. 2017*
- Run tacheometric surveys, calculated local and GPS coordinates, applied AutoCAD automation tools to speed up report system by 10%.