Anna Burdanova

Software Developer

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Education

University of the People	USA, Pasadena, CA
Bachelor of Science in Computer Science, CGPA 3.9/4.0	Sep. 2021 - Apr. 2023
Gubkin Russian State University of Oil and Gas	Russia, Moscow
Bachelor of Science in Geology	Sep. 2010 - Jun. 2015

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Skills

Technical Skills
Proficient with:
Java • Spring Boot • Hibernate • Python • R • VBA • LaTex • SQL • Figma • Git
Soft Skills
Strong:
Threelingual comminicator (English, Russian, Vietnamese), ...

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Technical Projects

Website for real estate	Live, Github
Implemented with what technologies	Winter 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.

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Work Experience

OpenGenus	Japan, online
Software Developer Intern	Apr. 2022 - // TODO Jul. 2022

- Completed internship program as and Hibernate and Spring Boot developer trainee.
- Published 10 articles on OpenGenus domain and largely contributed to the publication of Hibernate Interview Questions book.

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 on-filed tacheometric surveys with a team of geodesists, calculated coordinates in local and GPS systems, and enhanced time of preparing reposts by 10% with AutoCAD automation tools.

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