

Natalia Ponomareva

Education

- 2013 – 2016 Student, 30 Phys-Math Lyceum.
2018 – 2019 Student, Computer Science Center.
2016 – 2020 Bachelor's degree in Mathematics and Mechanics, educational program "Software and Administration of Information Systems", Saint Petersburg State University, GPA: 4.9/5.

Work experience

- Summer 2018 Intern C# Developer, Arcadia Software Country.
2020-2022 Java Developer, Deutsche Bank Technology Center.
Development of investment products for liquidity management:
 - analyzed and designed program changes, interacted with other teams and business leads to deliver completed features,
 - applied relevant technical skills to deliver specifications, program changes, unit test scripts and documentation,
 - supported application, interacted with end users, fixed bugs

Projects and Achievements

- 2014-2015 Computer graphics course at school, Participation in conferences, experience in representing and defending own project.
2017 Dell Emc scholarship, Successful completion of the first year of university.
2019 Coursework, Multi-view reconstruction of a dense point cloud with image segmentation.
2020 Diploma, Real-time non-rigid reconstruction of human bodies from RGB-D video sequences.

Skills and professional interests

- Programming Strong overall programming skills. Firm understanding of design and analysis of algorithms. Language of choice is Java, basic knowledge of C++/Objective C, Python, C#, Haskell, asm.
Frameworks Spring, Docker, REST, Oracle SQL.
Mathematics Strong mathematical background. Firm knowledge in fundamental fields (abstract algebra, real analysis, probability theory). Basic understanding of numerical methods.
Infrastructure Confident user of Unix, Git, LaTeX, Jira.
Languages Russian (native), English (fluent)