

Software Developer Software Developer Software Developer - Yandex Seattle, WA Work Experience Software Developer Yandex February 2018 to Present Backend for video-preview feature (handling 500TB of content per day with ffmpeg in MapReduce operations, maintaining content database) Creating and maintaining backend for video-hosting data storage (psql database with content data, service for uploading, transcoding, indexing new videos) Calculating content-based NN features for search quality improvement Improving KPI metrics on search quality (fixing key bottlenecks in crawling infrastructure) New video parser robot with browser engine and JS-clicker Software Engineering Intern Mentor Graphics July 2016 to January 2018 Creating software for calculating parameters of different mechanical processes in user-defined domains (such as AutoCAD models) Creating good-quality tetrahedral meshes to minimize numerical errors in calculations Research and development of computation geometry algorithms Education Bachelor/Master Degree in fundamental mathematics and mechanics Lomonosov Moscow State University Skills C/C++, C++, MapReduce, PYTHON, MAPREDUCE, Git Links <http://www.linkedin.com/in/agaiv> Additional Information Skills and Technologies Languages: C/C++, Python, bash SQL, MapReduce databases Machine learning, big data

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