Vasily Kovalev

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SKILLS
* Engineering, 3D CAD modeling (Solidworks, Inventor, Geomagic, AutoCAD)
* Mesh modeling, texturing, rendering (3DS Max, Blender)
* 3D printing (FDM, SLA), 3D model pre-processing (Meshmixer and others)
* 3D scanning, SfM photogrammetry, processing
* Web-development (JavaScript, jQuery, PHP, SQL, CSS, HTML, Photoshop)

WORK EXPERIENCE

Dental CAD / CAM Technician, Shama Dental Lab, Seattle WA 03/2020 – Now
* CAD/CAM modeling
* CNC operations
* 3D scanning/3D printing

Engineer, Sibrain, Novosibirsk, Russia 11/2014 – 12/2019
* Reverse engineering, 3D scanning, QA, 3D CAD Design
* Mesh modeling and processing
* Additive manufacturing and prototyping
* Project management

Research Engineer, Institute of Archaeology and Ethnography SB RAS, Novosibirsk State University, Novosibirsk, Russia 11/2013 – 12/2019
* 3D scanning, Photogrammetry
* 3D printing
* Online database 3D artifact presentation (MySQL, YII, ThreeJS)
* Analysis of 3D models of artifacts, a study of 3D traces (C++, Qt, Python, PCL, PyTorch)
* Scientific articles

Software Engineer / IT Administrator, Novosibirsk State University 8/2009 – 11/2014
* Administrating physical and virtual servers (LAN, AD, Exchange, Hyper-V, VMware, MS SQL, IIS, CentOS, Apache, Nginx)
* Software development (MS SQL, C#, XML, .Net)
* Web-development (JavaScript, PHP, SQL, CSS, HTML)

EDUCATION
* BS in Computer Science at Novosibirsk State Technical University, 2005
* High School at Lyceum 130, 2001