Ilona Avdiushkina

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Education

Saint-Petersburg National Research University of Information Technologies, Mechanics and Optics
September 2006 – February 2012

Engineer's degree: Optical Systems and Technologies

Experience

Industrial designer

July 2012 – June 2015
Nordplast Co (Saint-Petersburg)

3d model design from concept to release (plastic children's toys).
- 3d models of the product in Solidworks.
- Model delivery for prototyping.
- Accompanying documents and models ready for the development of the mold
- Monitoring each step of the product development: process technology, production processes, testing and production of the final product.

Previewing the products with SolidWorks PhotoView
- Design of the new Scenes, Materials, Lighting
- Visualization of the projects
- Design of the realistic render for advertising, annual catalogues, newsletters, site content.

Graphic projects design from concept to release (tags, labels, boxes, circuit assembly).
- Create graphic objects for the production (from scratch/based on templates)
- Sending the project to create the proof of concept and further transfer printing.

Development of the projects under the license (Barbie, Cut the rope, Smeshariki, Disney, Zenit)
- Creation of the graphics and layouts according to brandbooks and styleguides.
- Coordination of the projects with the client company.
- Getting the project ready for printing.

Database of the projects
- Organization and support of the common database for all the projects (3d models, technical documentation, advertising layouts and presentations).

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Design Engineer

LOMO Co (Saint-Petersburg)
September 2010 – February 2012

Project development and design in Pro Engineer according to the optical calculations and basic requirements.
- Design and development of the optical system
- Analysis of the requirements
- Building optical system according to the optical calculations
- Work with standards
- Synchronization with technology department
- Working with optical products for special environments
- 3d modeling
- Acknowledgment of the technical documentation in QA departments
- Distribution and monitoring of the product lifecycle using Windchill
- Maintenance of the product during it's lifecycle.

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Languages:

1. Russian (native speacker)
2. English (intermediate)
3. German (elementary)
4. Spain (elementary)