

Alexander Sobolev

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EDUCATION

-**University of Michigan**, Ann Arbor, MI; 2005-2009 — Bachelor of Fine Arts Cum Laude
-**Oakland Community College**, Farmington Hills, MI; 2003-2005 — Transfer to Michigan
-**Farmington Harrison High School**, Farmington Hills, MI: 1999-2003

EXPERIENCE

Industrial Designer, Weinreich Labs, Ann Arbor, MI — 2009-present

-Working in an interdisciplinary team developing a next-generation electric violin.
-Design, 3D modeling, and fabrication.
-Business planing and orginizing.

3D Designer, Joseph Curtin Studios, Ann Arbor, MI — 2008-present

-3D Modeling and design of innovative violin bridges, chin/shoulder rests, and packaging.
-Process and material design of ultra-light weight violins and other instrument components.

Research Assistant, University of Michigan College of Engineering- NSF Engineering Research Center for Reconfigurable Manufacturing Systems, Ann Arbor, MI — 2008-present

-Interaction and interface design.
-3D Modeling, animation, and game design/programing.
-Programing: Python, Panda3D Game Engine.

Vehicle Sustainability Semiotics Researcher, University of Michigan Block M Sustainability Laboratory Supported by the Ford Motor Company, Ann Arbor, MI — 2007-2008

-Design research, project development, and complex problem analysis.
-Multidisciplinary work environment, including leading faculty and doctoral students from Department of Mechanical Engineering, Psychology, Art & Design, Business, and Natural Resources.
-Creating and giving Keynote presentations to Ford Motor company.

President, Industrial Designers Society of America University of Michigan Chapter, Ann Arbor, MI — 2007-2008

-Event planning, fundraising, and teaching skill development workshops.

Live Screen Printing, Modati Clothing, Ann Arbor, MI — 2007-2009

-Public based screen printing performance and education project.

Wood/Metals Lab Monitor, University of Michigan School of Art & Design, Ann Arbor, MI — 2007-2007

-Helping/teaching students use of various tools and machines.
-Studio facility cleaning and maintenance.

Fine Art Handler/Mover, University of Michigan Museum of Art, Ann Arbor, MI — 2007-2007

-Preparing the entire UMMA 16,000 item collection for long term storage.
-Building Custom storage boxes and crates.
-Transporting parts of the collection to secret locations in Ann Arbor for storage.

Assistant Preparator, University of Michigan Museum of Art, Ann Arbor, MI — 2005-2007

-Preparing paintings, sculptures, prints, and textiles for display.
-Cataloging, framing, matting, hanging, mounting, packing, and unpacking fine art.
-Building benches, painting galleries, and lighting displays.

Percussion Instructor, Farmington Harrison High School, Farmington Hills, MI — 2003-2005

-Teaching playing and marching technique to the marching band drum line.
-Team building and motivating high school students.

ACHIEVEMENTS

-Musical Performer, The Zlatne Uste Golden Festival, 2011.
-Work featured in Product Design & Development trade publication article, 2011.
-Presenter, Violin Society of America's 38th Annual Convention, 2010.
-Presenter, Violin Society of America's Violin Acoustics Workshop at Oberlin College, 2010.
-Work displayed in "Imaging The Future", Gallery Project, 2010.
-Musical Performer, The Zlatne Uste Golden Festival, 2010.
-Work displayed in "Spring 2010 Collection", Gallery Project, 2009.
-Presenter, Violin Society of America's Violin Acoustics Workshop at Oberlin College, 2009.
-Work displayed in "Design Show", U of M, 2009.
-Work displayed in "Let's Wrestle", U of M School of Art & Design Senior Thesis Show, 2008.
-Guy Palazzola Memorial Senior Award, 2007.
-Penny Stamps Scholarship, 2007.
-Telluride Association Room and Board Scholarship, 2007.
-Industrial Designers of America, Michigan Chapter President, 2007.
-Leave No Trace Environmental Ethics Educator, 2007.
-University of Michigan Leadership Connection Participant, 2006.
-Work displayed in the School of Art & Design Dean's office Complex, 2006.
-Work displayed in the Dirty Detroit Show, 2005.
-Presidential Purchase Award from Oakland Community College, 2004.
-Phi Theta Kappa Honor Society member, 2004.
-Oakland Community College Dean's List, 2003-2005.
-Work displayed in several student shows at Oakland Community College, 2003-2005.
-First Place 3D Category, District Award, Farmington Hills School district, 2003.

SKILLS

Digital

Rapid Prototyping & Manufacturing
Laser Cutter, SLA, FDM, CNC: Process, Product, Hardware Knowledge
Mac OSX & Windows
Rhinceros 4 Nurbs Modeler
RhinoCam
Blender
Panda3D Game Engine
Maya
Adobe Creative Suite
Photoshop, Illustrator, Aftereffects, Acrobat Pro, InDesign, Flash
iWork Suite
Pages, Keynote, Numbers
Microsoft Office
Powerpoint, Excel, Word
FinalCut Pro Studio
Finale/Sibelius
Scripting Languages
HTML, CSS, Python

Physical

Woodwork & Carpentry
Wide Variety of Hand & Electric Tools, Ply Lamination & Bending, Construction, Inlay, Jig Design
Plastics & Composites
Carbon Fiber, Cevlar, E Glass, Resins, Polyurethane, Epoxy, Molding/Casting
Metal Fabrication
Brake, Roller, Shear, 3-Axis Mill, Horizontal Band Saw, Band Saw, Drill Press, Cutting Wheel, Sand Blaster, Gas Forge, Silver Brazing, Cold Connections
Printing
Silk Screen, Intaglio, Lithography, Digital
Sculpture & Ceramics
Raku, Pit Fire, Kiln Construction, Concrete
Printing
Silk Screen, Intaglio, Lithography, Digital
Drawing & Painting
Watercolor, Oil, Oil Pestel, Pencil, Pen & Ink
Electronics
Wiring & Soldering