

NICHOLAS STIPINOVICH

63 Dana Street
Apartment 12
Cambridge, MA 02138
www.stipinovich.com
nicstip@gmail.com
1-617-733-3324

EDUCATION

- 2009 - Present **RENSELAER POLYTECHNIC INSTITUTE** Troy, NY
Master in Architecture - MArch 1
- GPA:3.77
 - Selected for the Fall 2010 semester at the Center for Architecture, Science and Ecology (CASE), a collaboration between SOM and Rensselaer Architecture focusing on emergent sustainable design technologies
 - Awarded 2010 Graduate Certificate of Achievement
- 2008 **SVEUČILIŠTE U SPLITU (University of Split)** Split, Croatia
Croaticum Croatian Language course 1A
- Athletics (Rowing): Croatian national champion in the mens lightweight double
- 1999 - 2003 **UNIVERSITY OF PRETORIA** South Africa
Bachelor of Engineering (Mechanical)
- First-Class Pass (Awarded to top third of Graduating Class)
 - *Thesis: Feasibility Study - Using composite materials for a pointe ballet shoe*
 - Athletics (Rowing): South African national champion in the mens lightweight pair, mens A eight

EXPERIENCE

- Summer 2011 **FORE SOLUTIONS** Portland, ME
Intern
Intern at a high performance green building consulting firm. Conducted research on regenerative possibilities for buildings in dense urban environments and provided ideas for a showcase headquarters. Contributed towards the LEED certification for commercial and healthcare clients. Also investigated alternative green design certification systems.
- Fall 2010 **CASE (Center for Architecture, Science & Ecology)** New York, NY
Research Assistant
Research Assistant for Nick Novelli, a PhD candidate at CASE. Assisted on the test model for the Integrated Concentrating Solar Facade research (ICSF) project.
- Summer 2010 **RENSELAER POLYTECHNIC INSTITUTE** Troy, NY
Teaching Assistant
Teaching Assistant in the School of Architecture for incoming Graduate MArch 1 and BArch transfer students. Participated in critiques, provided software tutoring, and assisted students with fabrication and digital fabrication.
- 2004 - 2009 **ROSTI METAL** South Africa
Engineer & Co-owner
Engineer and Co-owner of a family-owned and operated business specializing in handcrafted wrought iron products for commercial and residential clients. Responsibilities included: Product development, manufacturing, operational management, financial management, sales, marketing and customer relations.
- 2000 - 2003 **MMS TECHNOLOGY** South Africa
Student Intern
Annual six-week paid internship within the Research and Development department of a privately owned engineering company specializing in R&D with composite materials for the aeronautical, commercial and mining industries. Responsibilities included the manufacturing of patterns, molds and components using fiber glass, carbon fiber and aramid fabrics.

SKILLS

SOFTWARE PROFICIENCY

- Rhinoceros (Basic in Grasshopper & Kangaroo applications)
- Autodesk: AutoCAD 2011, 3D Max Design, Revit
- Bentley Microstation
- Digital Rendering: V-Ray (for Rhino), MentalRay (for 3D Max)
- Adobe: InDesign, Illustrator, Photoshop
- Microsoft: Excel, Word, PowerPoint

FABRICATION

Highly skilled in product design and development, metalworking, woodworking, working with composite materials and methods of digital fabrication.

PRESENTATION

- Advanced presentation and public speaking skills
- Advanced print-media skills (Adobe InDesign and Illustrator)
- Languages: Fully fluent in English and Afrikaans (a Dutch derivative), Basic fluency in Croatian and Sesotho (a native South African dialect)

References provided upon request