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WORK EXPERIENCE

- MAY 2012 - PRESENT Mechanical Designer**
Temporal Power Ltd., Mississauga, Ontario, Canada (<http://www.temporalpower.com>)
- Flywheel energy storage systems
 - Design (SolidWorks), technical drawings, BOM and documentation for production
- APR 2011 - APR 2012 Mechanical Designer**
ATS Automation Tooling Systems Inc., Cambridge/Woodbridge, Ontario, Canada (<http://www.atsautomation.com>)
- Automated test equipment, assembly lines, fixtures
 - Design (SolidWorks), technical drawings, BOM and documentation for production
- DEC 2010 - MAR 2011 Mechanical Designer**
TriTed Innovation Inc., Cambridge, Ontario, Canada (<http://www.trited.com>)
- Robotic material handling, automated and robotic part assembly, vision systems, quality inspection
 - Design (SolidWorks), technical drawings, BOM and documentation for production
- SEP 2010 - NOV 2010 Mechanical Designer**
ATS Automation Tooling Systems Inc., Cambridge/Woodbridge, Ontario, Canada (<http://www.atsautomation.com>)
- Automated test equipment, assembly lines, fixtures
 - Design (SolidWorks), technical drawings, BOM and documentation for production
- OCT 2006 - AUG 2010 Mechanical Designer**
SCI-Mech Technical Services Inc., Milton, Ontario, Canada (<http://www.scimech.com>)
- Automated test equipment, assembly lines, material handling systems, fixtures
 - Design (SolidWorks), technical drawings, BOM and documentation for production
- MAR 2006 - SEP 2006 Mechanical Designer**
Two Stage Innovation Inc., Milton, Ontario, Canada (<http://www.twostage.com>)
- Robotic material handling systems and automatic assembly equipment
 - Design (SolidWorks), technical drawings, BOM and documentation for production
- SEP 2005 - FEB 2006 Mechanical Designer**
Nutech Engineering Inc., Milton, Ontario, Canada (<http://www.nutech-engineering.com>)
- Automated welding and cutting systems
 - Design (SolidWorks), technical drawings, BOM and documentation for production
- SEP 2004 - AUG 2005 Mechanical Designer**
CareLift Equipment Ltd., Breslau, Ontario, Canada (<http://www.carelift.com> <http://www.skyjack.com>)
- Telescopic handlers (ZB32032)
 - Design (SolidWorks), technical drawings, BOM and documentation for production
 - CAD software (SolidWorks) support, setting, training and assistance to other designers
- OCT 2003 - AUG 2004 Mechanical Designer**
Automated Fluid Power and Control Inc., Burlington, Ontario, Canada (<http://www.afpc.ca>)
- Guards for series of molding machines - connected with previous job in Husky
 - Design (Solid Edge and AutoCAD), technical drawings, BOM and documentation for production
- AUG 2003 - SEP 2003 Mechanical Designer**
Rohwedder Automated Systems Inc., Markham, Ontario, Canada (<http://www.rohwedder.ca>)
- Automation - complete bending station in automotive parts assembly line
 - Design (SolidWorks), technical drawings, BOM and documentation for production
- MAY 2003 - JUL 2003 Mechanical Designer**
Husky Injection Molding Systems Ltd., Bolton, Ontario, Canada (<http://www.husky.ca>)
- Guards for series of molding machines - prototypes
 - Design (AutoCAD), technical drawings, BOM and documentation for production

EXPERIENCE SUMMARY

Design Hours (CAD/CAM)	SolidWorks	15y4m ~ 29440h	(see examples at: http://www.kustan.net/sw)
(1 month ~ 160 hours)	AutoCAD	2y1m ~ 4000h	(see examples at: http://www.kustan.net/ac)
	Solid Edge	7m ~ 1120h	
	CNC layouts		

EDUCATION

- 93 - 96 **Faculty of Mechanical Engineering and Naval Architecture at University of Zagreb, Croatia**
- Mechanical Engineering (undergraduate) Degree
 - Mechanical Engineering Course Program / Mechanical Engineering Design Department
- 84 - 88 **High School for Electronics, Precision Mechanics and Optics "Rudjer Boskovic" in Zagreb, Croatia**
- Electro technician Final Examination Certificate
 - Electrical Engineering Department / General Electronics Course Program