

# Yiting Zhang

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<b>EDUCATION</b>	<b>University of Michigan</b> , Ann Arbor, MI, P.h.D., Electrical Engineering, Supervisor: Prof. Mark.J.Kushner	Sept 2010- Present <b>G.P.A.: 8.00/9.00</b>
	<b>University of Michigan</b> , Ann Arbor, MI, B.S.E., Electrical Engineering, <b>Summa Cum Laude</b>	Sept 2008- April 2010 <b>G.P.A.: 3.84/4.00</b>
	<b>Shanghai Jiaotong University</b> , China, B.S.E., Electrical and Computer Engineering,	Sept 2006- July 2010 <b>G.P.A.: 3.81/4.00</b>
<b>RESEARCH PROJECT</b> “Measurement, Analysis and Control of Waves and Ion Distribution Functions in a Industrial Plasma Processing Tool”		
♦ Investigated the effects of multi-frequency capacitive-coupling on plasma pre-sheath and sheath dynamics above a powered substrate		
♦ Simulated ion velocity distribution properties using hybrid modeling (HPEM)		
<b>EXPERIENCE</b>	<b>University of Michigan</b> -Ann Arbor, MI, U.S.A <i>Research Assistant, Computational Plasma Science and Engineering Group</i>	Sept 2010- Present
	<i>Control Group Member S3FL Student Project Lab-Mclimber</i>	Sept 2008- Mar 2009
	<b>Chinese Academy of Sciences</b> -Shanghai, CHINA <i>Summer internship at Institute of Microsystem and Information Technology</i>	May 2009-Aug 2009
	♦ Designed several bandpass/lowpass Microwave filters during 10-110GHz	
	♦ Lab assistant in data measuring and processing	
<b>SKILLS</b>	<b>Platforms:</b> Linux, Mac, Windows XP/98/Vista/7, OPENVMS	
	<b>Programming:</b> FORTRAN, C, C++, MATLAB, Verilog, VHDL, Pascal	
	<b>Applications:</b> Agilent ADS, HFSS, Cadence, Quartus II, Auto CAD, Solidworks	
<b>PAPER</b>	"An application for Agilent ADS in Ka-band bandwidth filter adapted for 3mm Tripler"	
	Agilent Chinese EESOF Conference 2009, Guiling, China.	Sept 2009
<b>ORGANIZATIONS</b>	Phi Kappa Phi	April 2010
	Eta Kappa Nu	April 2009
	Golden Key International Honor Society	Winter 2009
<b>HONERS</b>	James B. Angell Scholar	March 2011
	University Honors	Winter 2009/ 2010
	The Dean's List	Fall 2006-Present
	China National Scholarship	07-08 academic years
	Shanghai Jiaotong University Excellent Scholarship(top 2%)	07-08 academic years
	Shanghai Jiaotong University Excellent Scholarship(top 10%)	06-07 academic years
	Joint Institute Yunxia Scholarship	06-07 academic years