

Beijia Yao

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Columbia MO 65201

OBJECTIVE

Motivated student currently working towards Doctor degree in Mechanical Engineering.
Adept at prepping resources, equipment and materials for research. Extensive background in investigating Heat Transfer and 3D print.

EDUCATION

University of Missouri-Columbia <i>PHD program in Mechanical & Aerospace Engineering</i>	<i>Aug.2019- Present</i>
University of Missouri-Columbia <i>ME program in Mechanical & Aerospace Engineering (Thermal/Fluids area)</i>	<i>Aug.2017-May.2019</i>
Shanghai Ocean University <i>Bachelor of Engineering in Thermal Energy and Power Engineering</i> Second Class People's Scholarship Excellent Student in Social Practice	<i>Sep.2011-Jun. 2015</i>

SKILLS

• Leadership	• MATLAB
• Negotiation tactics	• ANSYS FLUENT
• Team cooperation	• AUTO DESK – FUSION 360
• Time management	• Python

EXPERIENCES

Campus Dinning Services at Mizzou Student Assistant	<i>Oct. 2019 – Present</i>
• Practice with team cooperation, time management and customer service	
Qinghai Provincial investment group Co, Ltd. Intern	<i>May.2018 - Aug.2018</i>
• Power plant Auxiliary plant attendant	
Qinghai Provincial Architectural Survey and Design Institute Co, Ltd. Intern	<i>Jul.2015 - Feb.2017</i>
• Participated in some engineering proposals design	
Shanghai Sunyat Architecture Design Co., Ltd Intern	<i>Jul.2014 - Sep. 2014</i>
• Learnt how to bid, design drawings, negotiate with manufacturers, dealers and business owners	
• Inspected the scene and used CAD to design heating and ventilation	
Qinghai Tianhui Electric Power Design Office Intern	<i>Jul.2012 - Aug.2012</i>
• Studied on electric power system and assisted designers with scheme optimization	

PROJECTS

3D Modeling & Printing a Robotic Arm	<i>Dec.2019</i>
Experimental and Computational Analysis of a Turbulent Round Jet	<i>Dec. 2018</i>
Mesh-filled Channel Flow (Simulate heat transfer process through membrane)	<i>May. 2018</i>

ACTIVITIES

For Columbia Volunteer	<i>Apr.2019</i>
Food Bank Volunteer	<i>Nov.2018</i>
Graduate's Evening Party Piano Player	<i>Jun.2015</i>
International Hall in the China Refrigeration Expo Interpreter	<i>Apr. 2015</i>
Volunteer Guide at Qinghai Mutual Aid alley Hospital Volunteer	<i>Aug. 2013</i>
Outstanding Volunteer Activity at School's Centennial Anniversary Volunteer	<i>Nov. 2012</i>
Sunshine House Volunteer Activity by Feiyang Huaxia Organization Volunteer	<i>Aug.2012</i>

HOBBIES

Piano, Painting, Swimming, Tennis

