

# Fan Yang

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## ***Educational Background***

- 09/2011-06/2015 **Shanghai Institute of Technology**  
Bachelor's Degree in Mechanical Manufacturing And Automation
- 2013-2014 The Third Prize Scholarship for Academic Excellence  
(GPA: 3.3/4.0, Top 18%)
- 2014-2015 The First Prize Scholarship for Academic Excellence(GPA:3.4/4.0, Top 5%)

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## ***Position Held***

Washington State University

- 8/2015-present Graduate Research Assistant in Modeling, Motion, and Medical Robotics (M3)  
Laboratory, Department of Mechanical Engineering

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## ***Project Experience***

- 06/2014-07/2014 **National 3D Innovation Design Competition—“Design of Full-Automatic Hanger Packing Machine”**  
*--The First Prize in Shanghai Competition Area*  
*--The Best Design Award in Shanghai Competition Area*  
*--The National Second Prize in Industrial Engineering Direction of the 3D competition*
- 07/2014-03/2015 **Renovation Project of Old  $\Phi$ 130 Rolling Mill**  
*-- Shanghai Higher Education Construction (085 project)*  
*--College Student Innovation Program*
- 09/2015-present **Fracture Directed Needle Steering**

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## ***Internship Experience***

- 03/2015-07/2015 Engineering Department,  
Eaton(China)Hydraulics Group

### ***Skills***

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- Unigraphics NX, Keyshot, Solidworks, AutoCad, CAXA
- Siemens NX Professional Certificate
- Certificate of Arts Examination of China Conservatory, (Erhu, Grade 10)

### ***Patents***

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- Certificate of Utility Model Patent by State Intellectual Office of the People's Republic of China, ( Inventor: **Fan Yang**, A Pen, P.R. China, ZL 2008 2 0155550.0, 10/14/2009)  
Certificate of Invention Patent by State Intellectual Office of the People's Republic of China, (Inventor: **Fan Yang**; Boxin Lyu; Yan Wu; Yanfeng li; Xibei Wang, A Process for Strengthening Milling Rigidity of Aluminum-Alloy Ultrathin-Blade Integral Impeller, P.R. China, CN201510121110.8, 03/08/2017)