

# Kyle Stanevich

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kylestanevich.github.io

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## OBJECTIVE

Aerospace Engineering Masters student candidate seeking career.

## EDUCATION

<b>University of Illinois at Urbana-Champaign</b>	<b>GPA: 4.00</b>	<b>Current</b>
Master of Science, Aerospace Engineering Electric propulsion, combustion, distributed and satellite control systems		
<b>University of Illinois at Urbana-Champaign</b>	<b>GPA: 3.97</b>	<b>May 2017</b>
Bachelor of Science, Aerospace Engineering Quadcopter, control systems, CFD, electric propulsion, systems engineering, UAV, wind tunnel, jet, NX		
<b>Illinois Institute of Technology</b>	<b>GPA: 4.00</b>	<b>December 2014</b>
Transferred to University of Illinois, Aerospace Engineering Thermodynamics, fluid dynamics, six sigma		

## PUBLICATIONS

<b>Electric Propulsion Research, University of Illinois</b>	<b>2017</b>
<a href="http://arc.aiaa.org/doi/abs/10.2514/6.2017-4629">arc.aiaa.org/doi/abs/10.2514/6.2017-4629</a>	
<b>Fusion Research, Princeton Plasma Physics Laboratory</b>	<b>2016</b>
<a href="http://nucleus.iaea.org/sites/fusionportal/Shared%20Documents/FEC%202016/fec2016-preprints/preprint0582.pdf">nucleus.iaea.org/sites/fusionportal/Shared%20Documents/FEC%202016/fec2016-preprints/preprint0582.pdf</a>	

## WORK

<b>Fusion Research, University of Illinois, Research Assistant</b>	<b>2016-2017</b>
Tokamak, plasma deposition, circuits, plasma, vacuum, slow motion imaging	
<b>Electric Propulsion Class, University of Illinois, Teaching Assistant</b>	<b>2018</b>
Plasma physics, Hall thruster, ion thruster, resistojet, arcjet, pulsed plasma thruster, magneto plasma dynamic	
<b>Empod, Engineer and Business Associate</b>	<b>2013-2017</b>
CAD (SolidWorks), IMDS, 3D printing, Manufacturing, Windchill	
<b>AutosplICE, Engineering Intern</b>	<b>Summer 2014</b>
Metallurgy, CAD (SolidEdge), electrical testing, cross sectioning, heat testing, IQMS	
<b>Student Newspaper, Illinois Institute of Technology, Business Manager</b>	<b>2013-2014</b>
FreshBooks, MS office, Adobe Illustrator	

## EXPERIENCE

<b>Electric Propulsion Research, University of Illinois, Research Assistant</b>	<b>2015-2017</b>
Fusor, Helicon, RF power, vacuum chamber, laser interferometry, plasma	
<b>Manned Mars Mission, University of Illinois, Team Lead/Structural Engineer</b>	<b>2016-2017</b>
Systems Engineering, spacecraft structures, AIAA design competition, trade studies	
<b>Environmental Research, Illinois Mathematics and Science Academy</b>	<b>2011-2013</b>
Generator, renewable energy, electricity generating bike	

## ACTIVITIES

- ♣ **Boy Scouts** – Eagle Scout (2012), Order of the Arrow, National Youth Leadership Training
- ♣ **SAE** – Baja external chassis designer (2013-14)
- ♣ **Engineers Without Borders** (2013-14)
- ♣ **Ethics Bowl** (2011-14)

## SKILLS & LANGUAGES

- ♣ **CAD:** SolidWorks, NX, Solid Edge, Autodesk Inventor, Eagle
- ♣ **Simulation:** Matlab, Excel, Mathematica, PSpice, Comsol
- ♣ **Programming:** Java, Python, C, C++, HTML, Javascript, MySQL
- ♣ **Other:** Linux, Windows, Mac, Microsoft Office, Photoshop, Premier Pro
- ♣ **Languages:** German, Chinese, Spanish