

## CONTACT

Name:	<b>Jonathon T. Ready</b>	<b>e-mail/ jonready@psu.edu</b>
Major	Computer Science	<b>jonready.com</b>
Graduation:	May 2019	<b>cell/ 814-933-9680</b>

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## Professional Experience and Skills

Aug 2017 – Dec 2017	<b>Volvo Group Trucks – Gothenburg, Sweden</b> Electrical Platform Architecture Intern in Trucks Technology : <i>Designed modular structures to reduce internal costs as well as how to streamline production of future electric and autonomous trucks</i> <ul style="list-style-type: none"><li>- Developed software to control automotive ECUs</li></ul>
Jan 2016 – June 2016	<b>BAE Systems Electronics Sector – Nashua New Hampshire</b> Software development Co-Op student for Unmanned Aircraft : <i>Designed and coded a system for classification of signals on embedded softcore processor, and automated API documentation saving money across multiple programs</i> <ul style="list-style-type: none"><li>- Built parser to mimic GNU Compiler using C, Python</li><li>- Saved the company \$430,000 over software life-cycle</li></ul>
2014 – Current	<b>Founder and Team Captain Unmanned Aerial Systems Team</b> <a href="https://uas.engr.psu.edu">https://uas.engr.psu.edu</a> : <i>Founded and led the team to compete at the AUVSI SUAS competition</i> <ul style="list-style-type: none"><li>- Recruited 27 members and raised \$29,000 from university and industry sponsorships</li><li>- Most active robotics club on campus –assessed by number of active membership</li><li>- Developed machine vision software for control of unmanned vehicle</li><li>- Set up an asynchronous TCP server for live streaming imagery (EO/IR) in flight</li><li>- Lead team of 27 engineering students to build industry grade drones.</li></ul>
2013 – 2014	<b>Vice-President Korean Tea Ceremony Club</b> : Organized tea culture event on campus with visiting tea scholar – Chi Zhong Xian <ul style="list-style-type: none"><li>-Organized international travel accommodations for visiting Tea Specialist</li><li>-110 students attended</li></ul>
2013 – 2014	<b>Formula SAE Team Machinist</b> <ul style="list-style-type: none"><li>-Approximately 100 hours machining experience,</li><li>-Manufactured suspension system components using stainless steel and titanium stock.</li><li>-Met design specifications.</li></ul>
2014 Dec.	Tutor for calculus and physics

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<b>Software Skills:</b>	Languages: C / C++, Python, Java, Ruby, Javascript, Verilog
	Tools: Git, OpenCV
	Frameworks: Django
	Web/Scripting: HTML, CSS, JQUERY
	<b>*Department of defense Secret Security Clearance granted March 2016</b>

## Education

2013 – present	<b>Pennsylvania State University</b> Computer Science – GPA: 2.93 Graduation – May 2019
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## Languages

**Norwegian** (fluent), **English** (fluent), **Mandarin Chinese** (Conversational), **Spanish** (basic)