

Bailey A. Tincher

2905 Northwind Drive, New Lenox, Illinois 60451
Email: tincher2@illinois.edu | Phone: (815) 530-7378
linkedin.com/in/baileytincher

Education:	University of Illinois <ul style="list-style-type: none">• BA, Physics• Concentration in Computational Sciences• First year student currently holding 39 credit hours	Aug. 2017 - Present Urbana-Champaign, IL
Work Experience:	Miller Electric - A Subsidiary of Illinois Tool Works <i>Engineering Intern</i> <ul style="list-style-type: none">• Supported a team of 6 engineers and product managers with minimal oversight• Coordinated and carried out 16 interdepartment engineering changes• Streamlined development of the next generation of patentable MIG gun consumables through daily collaboration with R&D and the lead innovation engineer• Collaborated directly with the plant manager on designing the next generation of assembly table processes focusing on automation and efficiency• Lab experience with sensitive equipment including precision scales, load cells, thermocouples, hygrometers, standard gages, and high potentiometers Wendy's Food Services <i>Store Crew Member</i> <ul style="list-style-type: none">• Performed a variety of roles apart of a small team in a fast-paced environment• Received corporate recognition for exceptional customer service twice	May 2017 - Aug. 2017 Beecher, IL June 2015 - Apr. 2016 New Lenox, IL
Activities/Honors:	Boy Scouts of America <i>Eagle Scout</i> <ul style="list-style-type: none">• Proposed, developed, and organized an unprecedented electronics sustainability event leading a team of fellow scouts, school administrators, and business leaders• Initiated a partnership with Morning Star Mission to collect and repurpose cell phones as emergency call devices for poverous women and children• Collaborated directly with my school's IT and administration departments to host both intraschool and intercommunity electronic waste collection drives <i>Senior Patrol Leader</i> <ul style="list-style-type: none">• Scout-in-charge of the flow and organization of week-long camping trips• Assisted younger scouts in assimilating to camp leading my troop to camp cup victory Air Force Junior ROTC <i>Cyber Officer</i> <ul style="list-style-type: none">• Developed a comprehensive corps events tracking database management interface through Java that implemented the Apache POI API• Implemented a strong emphasis on technology education as the unit team captain leading achieving platinum quarter finals placement in the national Air Force cyber security competition Cyber Patriot• Responsible for corps IT support reporting under the unit's Senior Instructor <i>Notable Events/Recognitions</i> <ul style="list-style-type: none">• National Semi-Finals placement with StellarXPloers team• United States Air Force Technology Education Student Award Recipient• Cadet of the Quarter Other Notable Activities/Honors <i>Recurring volunteer work with Free Geek Chicago</i> <i>Illinois State Scholar, AP Scholar with Distinction, ITW Foundation Scholar</i> <i>JJC Invitational 2nd Place Oral Presentation on Finite State Machines</i> <i>VFW Voices of Democracy Speech Contest Local Finalist - Twice</i>	Aug. 2005 - June 2017 New Lenox, IL June 2014 - June 2017 Aug. 2013 - May 2017 Aug. 2015 - May 2017 Oct. 2016 - Apr. 2017 May 2016 Q3 2015-16 Apr. 2016 - Present May 2017 Mar. 2017 Jan. 2016, 2017
Software Experience:	SolidWorks (Advanced), SolidEdge (Intermediate), MS Office(Intermediate), wIntegrate (Intermediate), Java (Intermediate), Apache POI (Intermediate), Python (Intermediate), Linux (Intermediate)	