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| **Nathan Estell** | | |
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| Objective | | |
| Seeking an internship for the summer of 2018 or a job starting in summer 2018 | | |
| Education | | |
| University of Michigan-Ann Arbor | April 2018 | Ann Arbor, MI |
| * Bachelor of Science in Aerospace Engineering * 3.47/4.00 GPA | | |
| Relevant Coursework   * Aerospace Structures; Aerodynamics; Electric circuits, Systems, and Applications; Dynamics and Vibrations; Space Flight Mechanics | | |
| University of Michigan-Dearborn | Fall 2014 – Spring 2016 | Dearborn, MI |
| * 3.92/4.00 GPA * Chancellor's Scholarship: Full Tuition * James B. Angell Scholar: Awarded for 3 consecutive terms of all As * William J. Branstrom Freshman Prize: Upper five percent of college class | | |
| Relevant Coursework   * Introduction to Computer Science (C++); Engineering Computer Graphics (CATIA) | | |
| Project Experience | | |
| * Led a 4 person group in Autonomous Bridge project in Intro to Engineering class. Designed a small bridge that would lift when a train approached. Wrote Arduino program controlling bridge. * Designed, built, and flew hovercraft with 5 person team in Aerospace Engineering Systems class. Simulated airflow with CATIA and STAR-CCM+ to estimate lift for different designs. Designed and manufactured mass retrieval mechanism on front. * Operate a blog featuring personal data analysis projects using Excel, Powershell, Python, MATLAB, and JavaScript (nathanestell.wordpress.com). | | |
| Work Experience | | |
| University of Michigan ITS MiWorkspace | May 2015–Present | Ann Arbor, MI |
| Programmer  * Developed tools with Powershell to streamline common administrative tasks * Tested Mac and Windows software for deployment to 50+ units across campus * Package software: construct installer for third party applications to deploy across campus | | |
| R&A Cleaning Services | July 2013 - April 2015 | Ann Arbor, MI |
| Cleaner  * Vacuumed, mopped, etc. at University of Michigan Health System Briarwood offices to provide clean environment for doctors and patients | | |