

## Jeremy C. Kanovsky

EDUCATION	<b>TUFTS UNIVERSITY</b> , Medford, MA Bachelor of Science in Mechanical Engineering Expected May 2021 Bachelor of Science in Computer Science Expected May 2021 GPA: 3.50/4.00, Dean's List <b>NEW HOPE SOLEBURY HIGH SCHOOL</b> , New Hope, PA Graduated 2017 GPA: 96.5/100, National Honor Society
RELEVANT COURSES	<b>ENGINEERING:</b> Data Structures, Simple Robotics, Intro Electrical Systems, Intro Computer Science, Web Programming, Intro to Algorithms <b>SCIENCE AND MATHEMATICS:</b> Discrete Mathematics, Physics – Electricity and Magnetism, Chemical Fundamentals, Calculus III, Differential Equations
WORK EXPERIENCE	<b>SPECIALTY PAPERS AND FILMS, INC.</b> , New Hope, PA, August 2016 – June 2017 <i>Lab Assistant, Lab Technician</i> <ul style="list-style-type: none"><li>Developed printed circuitry, performed product testing and experimental method development</li><li>Operated a differential scanning calorimeter and thermal transfer printers</li></ul> <b>CANNONVILLE BEACH ASSOCIATION</b> , Mattapoisett, MA, Summers 2014 – 2017 <ul style="list-style-type: none"><li>Managed beach cleanup and admission</li></ul>
RESEARCH EXPERIENCE	<b>TUFTS UNIVERSITY, DEPARTMENT OF MECHANICAL ENGINEERING</b> , <i>Undergraduate Research Project</i> , May 2018 – Present <ul style="list-style-type: none"><li>Developed code infrastructure to control multiple quadcopter UAVs</li><li>Implemented UAV three-dimensional positioning system and feedback control</li></ul>
SKILLS	<b>Computer:</b> C++, Java, HTML, CSS, JavaScript, Node.js, Git, Python <b>Design:</b> Adobe Illustrator, Adobe Photoshop <b>Hardware:</b> Arduino, Raspberry Pi, Computer Assembly <b>Lab:</b> Differential Scanning Calorimeter, Transfer Thermal Printing
ACTIVITIES	<b>Tufts Engineering Student Council</b> , <i>Treasurer</i> , January 2017 – Present <b>Tufts Robotics Team</b> , <i>Treasurer</i> , September 2017 – Present <b>Tufts MAKE Club</b> , <i>Project Leader</i> , September 2017 – Present <b>Tufts Rocketry Team</b> , <i>Co-Founder</i> , November 2017 – Present <b>Vex Robotics Team</b> , <i>Founder</i> , September 2016 – June 2017
PROJECTS	<b>Autonomous Quadcopter UAV</b> , January 2018 – May 2018 <ul style="list-style-type: none"><li>Lead a project team designing, building, and programming a semi-autonomous quadcopter UAV for open-ended applications</li></ul> <b>Trinity Firefighting Robot</b> , December 2017 – May 2018 <ul style="list-style-type: none"><li>Designed, fabricated, and programmed a robot entered in the Trinity College International Robot Contest</li></ul> <b>Motorized Skateboard</b> , September 2017 – December 2017 <ul style="list-style-type: none"><li>Designed and assembled an electric motorized longboard</li></ul> <b>Expo® Marker Digitizer</b> , October 2017 (Tufts Hackathon) <ul style="list-style-type: none"><li>Designed and assembled a removable pen digitizer for a whiteboard marker to generate PDF files of handwriting</li></ul>