

# Isabella Watson

## Biomedical Engineer

BS Student in Biomedical Engineering at The University of North Carolina at Chapel Hill, made Dean's List (2018), specializing in electrical engineering and robotics, with professional experience as a senior engineering intern at X2 Health, LLC and robotics instructor at Stanford University.

### Work Experience

12/2017 - present	<b>Senior Engineering Intern</b> <i>X2 Health, LLC</i> <ul style="list-style-type: none"><li>Lead development teams in the research, design, and manufacture of an at-home, non-invasive, HPV detection test.</li><li>Perform ELISA testing and various lab work to test device.</li><li>Pitch at various competitions to win funding for the project (\$11,000 in 2018).</li></ul>
08/2017 - present	<b>Executive Design Chair</b> <i>Feelin' DNA</i> <ul style="list-style-type: none"><li>Create models for blind high school students using Solidworks.</li><li>Volunteer at Morehead School of the Blind in Raleigh, NC.</li><li>Teach new members how to 3D model in Solidworks and Fusion360.</li></ul>
05/2018 - 08/2018	<b>Summer Robotics Instructor</b> <i>iD Tech Coding &amp; Engineering Academy</i> <ul style="list-style-type: none"><li>Taught C++ and electronics fundamentals to high school students.</li><li>Built a self-driving car with the NVIDIA Jetson TX1 chip.</li></ul>
08/2017 - 01/2018	<b>Pre-Calculus Teaching Assistant</b> <i>UNC Chapel Hill Department of Mathematics</i> <ul style="list-style-type: none"><li>Prepared lectures to teach students pre-calculus theories.</li><li>Attended all lectures to help students in-class.</li><li>Proctored exams.</li></ul>

### Education

09/2016 - present	<b>BS in Biomedical Engineering, The University of North Carolina at Chapel Hill</b> <b>Expected to graduate in May 2018</b> <b>3.3 GPA</b> <b>Key achievement:</b> Designed, 3D printed, programmed, and did electronics for a robotic prosthetic arm. ( <a href="http://bellawatson.me/Arm.html">http://bellawatson.me/Arm.html</a> ) <b>Extracurricular activities and achievements:</b> <ul style="list-style-type: none"><li>Tutor at UNC Math Help Center.</li><li>Working on the Development of a Mechanically-Actuated Prosthetic Hand to Donate to Syria.</li></ul>
08/2014 - 06/2016	<b>AS, Forsyth Technical Community College</b> <b>3.9 GPA</b> <b>Extracurricular activities and achievements:</b> <ul style="list-style-type: none"><li>President of the FACT Club (Future Advocates for Children of Tomorrow).</li><li>Journalist for Weekly College Publication.</li></ul>

### Awards and Honors

04/2018	3rd Place- i4 Engineering Competition
05/2016	EDU 119 Teaching Certification
12/2018	Dean's List, The University of North Carolina at Chapel Hill
05/2016	President's List, Forsyth Technical Community College
05/2016	Phi Theta Kappa Honor Society

### Personal Info

<b>Location</b>
Chapel Hill, NC 27514
<b>E-mail</b>
isabellaelizabethwatson@gmail.com
<b>GitHub</b>
<a href="https://circleci.com/gh/isabellaw5">https://circleci.com/gh/isabellaw5</a>
<b>www</b>
<a href="http://bellawatson.me/">http://bellawatson.me/</a>

### Skills

SolidWorks 3D Modeling - excellent
Python Programming - excellent
C++ Programming - excellent
Web Design and Development - excellent
Micro Controllers - excellent
NI Multisim - excellent
Soldering - excellent

### Languages

Italian - B1 Level
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