

# YOUNG LI

LinkedIn: <https://www.linkedin.com/in/usipeus>

GitHub: <https://github.com/usipeus>

Contact information: 408 859 1338 (cell), [yli2@illinois.edu](mailto:yli2@illinois.edu)

Campus Address: 904 W. Green St., Urbana, IL 61801

Permanent Address: 43492 Southerland Way, Fremont, CA 94539

<u>Education</u>	<u>Work Experience</u>
<b>University of Illinois at Urbana-Champaign</b> <b>Aug 2014 – present</b>  Sophomore, Computer Engineering (GPA 3.42) Expected graduation date – Dec 2017  <u>Past/current classes</u> <ul style="list-style-type: none"><li>• ECE 210 – Analog Signal Processing</li><li>• ECE 220 – Computer Systems and Programming</li><li>• ECE 330 – Power Circuits and Electromechanics</li><li>• ECE 391 – Computer Systems Engineering</li><li>• CS 225 – Data Structures</li><li>• CS 173 – Discrete Mathematics</li><li>• BTW 261 – Principles of Technical Communication</li></ul> <u>Future classes</u> <ul style="list-style-type: none"><li>• ECE 464 – Power Electronics</li><li>• CS 431 – Embedded Systems</li><li>• CS 461 – Computer Security I</li><li>• CS 484 – Parallel Programming</li></ul>	<b>Engineering IT Student Consultant</b> <b>Oct 2015 – Dec 2016</b>  Computer lab maintenance (Windows and Linux), hardware and software troubleshooting  Requires strong problem solving and communication skills  Heavy interaction with customers and peers
	<u>Extracurriculars</u>
	<b>MRDC Robotics, team ILLINihiliation</b> <b>Aug 2014 – present</b>  Programming the robot using a Teensy microcontroller and C++  Cross-team collaboration for mechanical design, electronics, and control systems
	<b>Spark Magazine (<a href="https://iee.illinois.edu/spark/">https://iee.illinois.edu/spark/</a>)</b> <b>Aug 2015 – present</b>  Wrote and collaboratively edited articles about STEM  One edition released every semester
<u>Skills</u>	<b>IEEE TAG-Circuits</b> <b>Aug 2015 – present</b>  Learned circuit design via hands-on projects e.g. audio processing, cell phone charger  Used EAGLE and LTspice for circuit schematics and PCB layout
<b>Software development knowledge</b>  Strong in C, Python  Basics of Git, Subversion, C++, Java	<b>FIRST Tech Challenge Robotics, team VOID</b> <b>Aug. 2011 – Apr. 2014</b>  Small team of seven working together; required strong communication skills and teamwork  Wrote all code for the robot (remote controlled operation and autonomous behaviors)  Placed second in the Northern California regional championship in April 2013
<b>Experience in Linux</b>  Basics of bash scripting, command line tools	
<b>Open source development experience</b>  Contributed documentation to the GNOME project	
<b>Strong writing skills</b>  Organized and concise writing for technical tutorials, documentation, and wiki pages	