

YOUNG L. LI

Blog (work in progress): <https://usipeus.github.io/>

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

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

Permanent Address: 43492 Southerland Way, Fremont, CA 94539

Education

University of Illinois at Urbana-Champaign

Aug 2014 – present

Sophomore, Computer Engineering (GPA 3.5)
Expected graduation date – Jan 2018

Past/current classes

- Analog Signal Processing
- Computer Systems & Programming
- Power Circuits & Electromechanics
- Probability with Engineering Applications

Spring 2016 classes

- Computer Systems Engineering
- Data Structures
- Discrete Mathematics
- Green Electric Energy
- Principles of Technical Communication

Skills

Software development knowledge

Strong in C, Python

Basics of Git, Subversion, C++, Java

Want to learn x86 and/or x64 assembly, Clojure

Experience in Linux

Basics of bash scripting, command line tools

Open source development experience

Contributed documentation to the GNOME project

Strong writing skills

Organized and concise writing for technical
tutorials and wiki pages

Work Experience

Engineering IT Student Consultant

Oct 2015 – present

Computer lab maintenance (Windows and Linux)

Hardware and software troubleshooting

Develops strong problem solving and
communication skills

Heavy interaction with customers and peers

Extracurriculars

MRDC Robotics, team ILLINIhilation

Aug 2014 – present

Programming the robot using a Teensy
microcontroller and C++

Cross-team collaboration for mechanical design,
electronics, and control systems

IEEE TAG-Circuits

Aug 2015 – present

Learned circuit design via hands-on projects e.g.
audio processing, cell phone charger

Used EAGLE and LTspice for circuit schematics
and PCB layout

FIRST Tech Challenge Robotics, team VOID

Aug. 2011 – Apr. 2014

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 of 2013