



## CONTACT

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## COURSES

### At UIUC

- Data Structures
- Applied Parallel Programming
- Computer Systems Programming
- Robotics

### At Coursera (verified)

- Data Structures and Algorithms
- Machine Learning



## SKILLS

### Proficient

C/C++, Python, Octave, MATLAB, CUDA

### Intermediate

HTML/CSS, JavaScript, SQL, Assembly Programming



## HONORS

- Dean's List - Spring '16
- AP Scholar
- UNSW Gold Medal
- National Talent Search Exam - Gold Medalist (Science and Math)



## SOCIETIES

- Active Student Member at IEEE, ACM SIGCPC, SIGIR
- Illini Table Tennis
- High-school Vice-Head Boy - Student Society
- Vice-President School Quiz Society

# Akashdeep Deb

AKASHDEEPDEB (GITHUB)



## OBJECTIVE

I am a sophomore at UIUC and I am looking to apply my skills and learn more during Summer 2017. I am interested in all things digital but have a penchant for algorithms and machine learning.



## EDUCATION

**2015-2019**  
(exp.)

**University of Illinois at Urbana-Champaign, IL**  
B.S. in Computer Engineering  
GPA: 3.84 (Major)



## EXPERIENCE

### OpenStudy.com, Summer 2014

Newsletter Design Team

I was responsible for managing the Newsletter Design Team at OpenStudy. I worked with Adobe InDesign and Photoshop to design the monthly Newsletter.

### ECE 210 (Analog Signal Processing) at UIUC, Fall 2016

Course assistant

Graded weekly problem sets in the course and assisted with review sessions and Q&As on Piazza.

### Center for Academic Resources in Engg. at UIUC, Fall 2016

ECE Tutor

As a tutor, I help students with courses in Computing, Signal Processing, Differential Calculus, and Statistics.



## PROJECTS

### Algorithmic Challenges and Contests on ONL Judges (Present)

I enjoy solving Greedy and Dynamic Programming problems on SPOJ, HackerRank, and a2OJ. I took part in NAIPC (North American inter-collegiate Programming Contest) and CS50'S coding challenge in 2016.

### OCR using Machine Learning (August 2016)

Trained a simple feedforward Neural Network (using backpropagation) to use feature vectors from datasets at yann.lecun.com to recognize characters from Test datasets.

### Safearound.me - BoilerMake Hackathon Project (Fall 2015)

Created a Health web app that uses HTML/CSS and Google Maps API to allow users to mark unsafe spots. Displays distances from unsafe spots and time of marking.