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 Maths)

SOCEITIES

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

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 spending a lot of my time 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 backpropogation) 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.