# Dinkar Khattar

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## Profile

I'm a freshman at UCLA looking to gain hands-on experience into advanced projects through hacakthons, internships and engineering clubs.

## Education

**University of California, Los Angeles** – Computer Science and Engineering, Freshman
**AISSE (CBSE Board)** - Delhi Public School, Doha, Qatar (2010-2016)
Received Scholar Badge for outstanding academic performance for 6 years, an award for scoring A+ in all subjects in 11th and 12th grade, and Certificate of Merit by CBSE for outstanding performance and grade A1 in all subjects in 10th grade

## Leadership and Team Work

**President of Activities of the Student Council (2015-16)**
Responsible for the organisation of school activities ranging from dance and debate to programming
**Vice Captain of Tulip House (2014-15)**
Responsible for the management of the activities and workshops for one-fourth of the students at my school and also for encouraging and motivating them to take part in activities that interest them.

## Activities and Awards

**Olympiads and External Exams**
1)National Cyber Olympiad(2015)- State rank 4; Top 100 International rank; Medal of excellence
2)Science Olympiad Foundation(2014)- International Mathematics Olympiad- State rank 4 and gold
**Debate, Model UN, and Public Speaking**
Placed 2nd best team and 2nd best speaker and Qatar Debate (2015)
Represented Qatar at European Schools Debating Championship, Germany (2013)
Attended THIMUN, Qatar, DCMUN, Qatar and GCIMUN, New York and mentored students at school
**AP scholar Award (2016)**
Received 5 in AP Calculus BC, Physics C: Electricity and Magnetism, Physics C: Mechanics

## Projects

**PROGRAM FOR A SHOPPING CENTRE (2015)**
Worked on a python program for the management of a shopping mall over summer. It involved opening new stores, keeping track of mall information, accessing stores to purchase items, product stock, printing the final bill and of course, a food court

**LITER OF LIGHT (2014)**
I implemented the open source project- Liter of Light in Badhsapur, a village in India, to solve their problem of electricity. It's is a global movement involving ecologically sustainable and cost-free lighting for houses in villages and slums. Developing on their idea, I was able to construct a 40 W incandescent light bulb using just a 1.5 liter plastic bottle and physics.

**IEEE- OPS PROJECT**
I am part of the Open Project Space at the IEEE club for the freshman year where I will be working on 10 different projects, including digital synthesiser, Motor Drivers, Operational Amplifiers, and programming for hardware parts.

## Technical Skills

Python (4+ years), C++, HTML, CSS, working with electric boards and circuits, iMovie, Microsoft Office