

# Utsav Munendra

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## EDUCATION

### University of California, Los Angeles (UCLA)

Expected June 2021

B.S. Computer Science

- **GPA:** 3.96

### Delhi Public School (DPS), Indira Nagar, Lucknow

April 2018

CBSE Science stream with  
Computer Science

- **Percentage:** 96.6%
- Graduated 2nd in class

## TECHNICAL SKILLS

### Programming Languages:

Proficient in C++, JavaScript  
Intermediate in Shell  
Scripting, Python, SQL,  
MATLAB

### Web Development:

Front-end: React, Bootstrap  
Back-end: Node.js, Ruby on  
Rails

## AWARDS

- **Dean's Honor List**  
(Fall 2018, Winter 2019)
- **International First Rank:**  
In SOF Cyber Olympiad  
against 100,000 students  
(2015, 2016, 2018)
- **Scholar Gold Medal**  
**Recipient:** Secured A  
grade for six years  
consecutively in DPS  
(2017)

## TECHNICAL EXPERIENCE

### UCLA ACM TeachLA

September 2018 – Present

*Python Instructor and Front-End Developer*

- Tutored Python one-to-one in Mark Twain Middle School for a quarter
- Designing the front-end using React of the core website of ACM TeachLA in a team of ten developers
- Implementing functionality required to make the website usable by students learning programming fundamentals under ACM TeachLA

### LikeLion at UCLA

September 2018 – Present

*Full Stack Developer*

- Developed a research-posting aggregator website with Ruby on Rails on Amazon Web Services and implemented the front-end in JavaScript ES6
- Refactored teammates' code to make it clean and efficient by leveraging best Rails practices and by handling styling through Bootstrap library
- Introduced login authentication and database filtering functionality

## PERSONAL PROJECTS

### Mathematical Expression Simplifier

March 2018

- Wrote a customizable C++ program which could load mathematical theorems described in a human-readable form and then parse through the given expressions to simplify it while showing each step
- Included algorithms to convert infix notations to postfix, determine missing multiplication signs and distinguish variables from constants

### Cellular Automata Simulating C++ Program

January 2017

- Animated the progression of Conway's Game of Life and Wolfram's Elementary Cellular Automata in a command-line environment

### Web Content Creator

July 2015 – January 2017

- Created web pages explaining hard school syllabus topics regularly
- Website (utsavm9.wordpress.com) gained 60,000+ views in three years

## LEADERSHIP EXPERIENCE

### DPS Against Child Labor

August 2016 – February 2017

*Project Leader*

- Explained topics in an understandable form to children as a volunteer
- Gained promotions and later deployed teams, enhanced the curriculum and assigned duties to volunteers
- Group among 20 nationwide to gain recognition from CBSE (Indian Education Board) to build one of the most sustainable projects