

Utsav Munendra

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EDUCATION

University of California, Los Angeles (UCLA)

Expected June 2022

B.S. Computer Science

- **GPA:** 3.97

Delhi Public School (DPS), Indira Nagar, Lucknow

April 2018

CBSE Science stream with
Computer Science

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

TECHNICAL SKILLS

Web Development:

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

Tools:

Docker, Bash, Git

Programming Languages:

Proficient in C++, JavaScript
Intermediate in Python, SQL,
MATLAB, PHP

AWARDS

• Dean's Honor List

(Fall 2018, Winter 2019,
Spring 2019)

• International First Rank:

In SOF Cyber Olympiad
against 100,000 students
(2015, 2016, 2018)

TECHNICAL EXPERIENCE

Cuneiform Digital Library Initiative (CDLI) at UCLA May 2019 – July 2019

Student Web Developer

- Rendered dynamic map-based visualizations for the temporal, geographic and textual data on Cuneiform artifacts collected by CDLI
- Identified long pre-existing issues with CDLI's login mechanism in PHP
- Contributed to the user guide to help new developers install the CDLI framework using Docker in their local machines

UCLA ACM TeachLA

September 2018 – May 2019

Python Instructor and Front-End Developer

- Tutored Python one-to-one in Mark Twain Middle School for a quarter
- Improved the design of the core website of ACM TeachLA using React and Redux in a team of ten developers
- Implemented functionality required to make the website usable by students learning programming fundamentals under ACM TeachLA

LikeLion at UCLA

September 2018 – May 2019

Full Stack Developer

- Developed a research-posting aggregator website with Ruby on Rails (rconnect-ucla.herokuapp.com) on AWS with 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

UCLA Study List Exporter Chrome Extension

January 2019

- Developed a Chrome Extension to extract the course information data from the users' study list using regular expressions
- Exported the collected data to users' calendar using Google Calendar API

Mathematical Expression Simplifier

March 2018

- Wrote a customizable C++ program which could load mathematical theorems and then simplify expressions while showing each step
- Included algorithms to convert infix notations to postfix, determine missing multiplication signs and distinguish variables from constants

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