

Utsav Munendra

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EDUCATION

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

Expected January 2022
Bachelor of Science (BS)
Computer Science

- **GPA: 3.97**

TECHNICAL SKILLS

Programming Languages:

Proficient:

- C++

Intermediate:

- Python
- SQL
- TypeScript

Web Development:

Front-end:

- React
- Sass/SCSS
- Bootstrap

Back-end:

- Ruby on Rails
- CakePHP

Familiar with Git, Docker,
Bash

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) *June – September 2019*

Web Developer

- Developed responsive webpage for a user-customizable heatmap with filters by querying artifact data and building new table associations in CakePHP models
- Improved CSS pre-compilation pipeline and provided thorough instructions and wrapper Bash scripts for other developers
- Refactored MVC templates in Twig for 28 tables to use Bootstrap
- Identified and documented multiple bugs across the project

Visual Studio Code – Open Source

August 2019 – Present

Open-Source Contributor

- Resolved bugs relating to the git implementation of VS Code
- Reviewed Content Security Policy (CSP) of major VS Code extensions and improved the CSP of two of those
- Developed an extension in TypeScript for students to debug C/C++ programs with arguments and flags faster and easily

PERSONAL PROJECTS

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
- Introduced login authentication and database filtering functionality

Mathematical Expression Simplifier

March 2018

- Wrote a customizable C++ program which can 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 2018

- Curated WordPress blog explaining hard school syllabus topics regularly
- Website (utsavm9.wordpress.com) gained 60,000+ views and videos accumulated 100,000+ views in three years