

# UJJWAL ARYAL

## PERSONAL DATA

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PLACE AND DATE OF BIRTH: Dang, Nepal | 14<sup>th</sup> May 1999  
ADDRESS: 641022-Coimbatore, Tamil Nadu, India  
PHONE: +91 822 0940109  
EMAIL: [ujjwalaryal.1601064@srec.ac.in](mailto:ujjwalaryal.1601064@srec.ac.in)  
WEBSITE: [ujjwalaryal.github.io](http://ujjwalaryal.github.io)

## EDUCATION

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PRESENT Bachelor of Engineering in COMPUTER SCIENCE,  
**Sri Ramakrishna Engineering College**, Coimbatore, India  
CGPA: 8.98/10

MAY 2016 Senior School Certificate Examination (HSEB Board) in SCIENCE,  
**Nepal Mega College**, Kathmandu, Nepal  
PERCENTAGE: 81.4%

MAY 2014 School Leaving Certificate Examination (SLC Board),  
**SOS Hermann Gmeiner School**, Sanothimi, Nepal  
100/100 in Maths and Computer Science  
PERCENTAGE: 91.25%

## ACHIEVEMENTS

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AUG. 2016 **Nepal Aid Fund Scholarship Scheme 2016-17**  
Selected by Indian Embassy for studying engineering in India in full scholarship.

AUG. 2016 **Institute of Engineering Entrance Examination**  
Secured an All Nepal 161th Rank among 15,000 students in Engineering Entrance Examinations for IOE.

MAY 2014 **School Level Certificate Examination, Nepal**  
Secured an All Nepal 17th rank in School Level Certificate Examination.

## PROJECTS

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ONGOING **Linux Scheduler**  
· Classifying the task/process as good or bad based on the process control block i.e on basis of memory pattern used, system calls, stack pointers and so on.  
· Using Neural Networks for classification.

AUG. 2018 **SREC OBA**  
· A web based application to manage student marks and generate different types of reports.  
· Designed using Django Web Framework for use in college.

SEP. 2017    **Sudoku Generator and Solver**  
Implemented an improved approach for solving the Sudoku which basically focuses on reducing the number of backtracks.

## LANGUAGES

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NEPALI:    Mothertongue  
ENGLISH:    Fluent  
HINDI:    Fluent  
TAMIL:    Basic Knowledge

## TECHNICAL STRENGTHS

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**Programming Languages:**    C, C++, Java, Python  
**Operating Systems:**    Linux, Windows

## RESEARCH INTEREST

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- Algorithms
- Graph Theory
- Data Structures
- Computational Complexity

## EXTRA CURRICULAR ACTIVITIES

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Programming, Puzzles, Open-Source  
Travelling, Reading, Blogging