

UJJWAL ARYAL

PERSONAL DATA

PLACE AND DATE OF BIRTH: Dang, Nepal | 14th May 1999
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EDUCATION

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

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

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.

TRAINING AND WORKSHOPS

FEB. 2018 **Artificial Intelligence And Robotics**
Sri Ramakrishna Engineering College, Coimbatore, India

JAN. 2018 **Brain, Computing And Learning Workshop**
Indian institute of science, Bangalore, India

AUG. 2017 **Hands On Session On Image Processing In OpenCV Using Python**
Sri Ramakrishna Engineering College, Coimbatore, India

LANGUAGES

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

TECHNICAL STRENGTHS

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

RESEARCH INTEREST

- Algorithms
- Graph Theory
- Data Structures
- Computational Complexity

EXTRA CURRICULAR ACTIVITIES

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